

# Safe Drinking Water Bond Law Project Priority List

*As Adopted in 1999*

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
A	1	S	0	No systems	0000000 00		\$0
<b>Total of project(s) in Bond Law Category A= 1 project</b>							
<b>Total Cost for Projects in Category A:</b>						<b>\$0</b>	
B	2	C	8500	Blythe - City of	3310003 01	Construct a new water facility including supply wells, filtration, storage reservoirs, and a distribution pipeline loop. (see attached documentation).	\$14,727,000
	2	C	5851	Holtville - City of	1310005 03	Annexation of service area. See attached description and water system improvement map (attachments 2 and 3). Attachment 4	\$2,537,948
	2	C	5851	Holtville - City of	1310005 02	Annexation of service area. See attached description and map (attachments 2 and 3).	\$2,805,985
	2	C	5851	Holtville - City of	1310005 05	See attached description (attachments 2).	\$2,079,878
	2	C	3600	Amador County Water Agency-Sutter Creek	0310003 01	PROVIDE POTABLE WATER TO AREA. OTHER = DESIGN AND CONSTRUCTION	\$1,200,000
	2	C	3600	Amador County Water Agency-Sutter Creek	0310003 07	Pipe treated water from Amador Water Agency's Mokelumne River source to serve these water consumers. JVID does not want to be a PWS, so AWA has applied for funds to bring acceptable water to the area and become the purveyor in Buena Vista.	\$2,000,000
	2	C	3500	TUD-COLUMBIA	5510013 05	CONSTRUCT A WATER MAIN EXTENSION FROM THE COLUMBIA SYSTEM INTO THE SHAW'S FLAT COMMUNITY.	\$210,000
	2	C	3300	YOSEMITE SPRING PARK UTIL CO	2010005 01	DRILL NEW WELLS, INSTALL AUTOMATIC OPERATING AND MONITORING CONTROLS , AND MAKE DISTRIBUTION SYSTEM IMPROVEMENTS.	\$2,000,000
	2	C	540	BARTHEL'S MOBILE RANCH	5700536 01	Connect with City of Davis	\$138,000
	2	C	450	Solano Irrigation District	4810010 01	Construction of a central water treatment plant for all water used in GCID.	\$2,127,300
	2	C	450	SID/Rural Residential Point	0004311 01	Build batch water treatment plant, hand over the customers to a nearby city for water service, or improve POEs.	\$1,450,000
	2	C	450	Princeton Water District	0600013 03	Install chlorination system on two wells.	\$2,000
	2	C	450	Princeton Water District	0600013 04	Drill two new wells for the community water system.	\$60,000
	2	C	350	LAKE MORENA OAK SHORE	3700923 01	Replace faulty pipe.	\$150,000
	2	C	325	SIERRA MOBILE HOME PARK	1000252 01	INSTALL AN INTERCONNECTION TO THE CITY OF FRESNO.	\$75,000
	2	C	308	GOLDEN POND RV/M OVERLAND	3601011 01	Construct connection to City of Adelanto, replace distribution system	\$164,000
	2	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 02	STUDY, DESIGN AND CONSTRUCT WATER TREATMENT FACILITY TO IMPROVE WATER QUALITY.	\$400,000
	2	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 05	DRILL TEST WELLS TO LOCATE BETTER WATER SOURCES.	\$50,000
	2	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 06	DRILL NEW WELLS AS PER INFORMATION FROM TEST DRILLING.	\$50,000
	2	C	250	Coulterville CSA 1	2210901 01	DEVELOP ANOTHER SOURCE AND INSTALL A CHLORINATION SYSTEM.	\$75,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	2	C	210	Ponderosa Sky Ranch	5200562 01	Replace present (old) 30,000 gallon tank with 100,000 gallon tank. Install new well with pump for standby. Install hydroneumatic system on pressure tank. Install chlorination system.	\$85,000
	2	C	200	SEQUOIA CREST MUTUAL WATER COMPANY	5400701 01	REPLACE TANKS WITH NEW 150,000 GALLON STORAGE TANK	\$75,000
	2	C	195	MADONNA MUTUAL WATER CO.	5400814 01	Drill a new well. OTHER- Design and Construction	\$300,000
	2	C	180	TUD-DITCH CONVEYANCE CONVERSION PRO	0011120 01	INSTALL INDIVIDUAL WATER TREATMENT DEVICES OR WELLS.	\$1,200,000
	2	C	165	Feather Ridge Estates Water Co.	0400081 01	Drill two new wells and replace existing 20,000 gallon storage tank.	\$0
	2	C	160	Cassel Park MWC, Inc.	4500173 01	Purchase a vacant lot and drill a new well which will meet bacterial MCL. Bacterial contaminated well can then be abandoned.	\$60,000
	2	C	150	ONE HUNDRED PALMS RESORT	3301477 01	Want to be on list	\$0
	2	C	150	SLEEPY VALLEY WATER CO INC	1900903 02	Rebab wells, upgrade to minimize flooding, replace reservoir and distribution system.	\$684,000
	2	C	110	Artois CSD	1100203 01	Drill a new well.	\$30,000
	2	C	101	Orland MHP	1100445 01	Drill new well and install new electrical and holding tank.	\$15,000
	2	C	100	RAILROAD FLAT MOBILE HOME PARK	0500004 01	CONSTRUCT NEW WELL, TANKS, AND REPLACE DETERIORATED DISTRIBUTION SYSTEM.	\$25,000
	2	C	100	Trailer City	4800572 01	Hook-up to City of Vallejo water system.	\$625,000
	2	C	100	FAIRWAY DOWNS	5800572 01	Install chlorination system.	\$2,000
	2	C	89	Woodridge Mutual Water	4500235 02	Drill a replacement well.	\$60,000
	2	C	80	TUD-RAILBED DITCH CONVEYANCE PROJEC	0011127 01	INSTALL A WATER LINE, PUMP STATION, STORAGE TANK, AND SERVICE LINES TO SUPPLY TREATED WATER FROM TUD'S JAMESTOWN SYSTEM TO THE INDIVIDUAL DITCH CUSTOMERS.	\$332,000
	2	C	80	Surrey Village Water Company, Inc.	5200570 01	Study problem. Replace/refurbish well, mains, and booster pumping system. Install emergency power.	\$0
	2	C	75	GRANITEVILLE WATER WORKS	2900510 01	Design and implement conversion of antique system to provide clean water at adequate pressure.	\$260,360
	2	C	60	TUD-SAN DIEGO DITCH CONVEYANCE PROJ	0011122 01	INSTALL WATER LINES FROM TUD'S COLUMBIA WATER SYSTEM AND INSTALL A STORAGE TANK TO SERVE THE INDIVIDUAL CUSTOMERS.	\$225,000
	2	C	50	FLORISTON WATER	2900502 01	Treatment (filtering) facility should be installed. Design and construction involved.	\$100,000
	2	C	50	CASA DULCE ESTATES	1900717 02	Design and Install Chlorination System, rehab the well	\$20,000
	2	C	50	CASA DULCE ESTATES	1900717 03	Study source of bacteriological contamination.	\$5,000
	2	C	46	Forest Knoll	0400078 01	Installation of two new 30,000 gallon steel tanks above ground or repair existing tank.	\$60,000
	2	C	45	Whispering Pines Apartments	2210921 01	RECONSTRUCT THE WELL, UPGRADE THE DISTRIBUTION SYSTEM, CONSTRUCT ADDITIONAL STORAGE, AND INSTALL A CHLORINATION SYSTEM.	\$185,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	2	C	45	HILLCREST MOBILE HOME PARK	1900827 02	Rehabilitate existing offsite well, drill and equip new well, install new transmission piping, install new storage facility.	\$400,000
	2	C	42	RICHARDSON-BEARDSLEY INC	3701780 01	Replace defective piping and tank and drill new well to community standards; install appropriate backflow devices, as needed.	\$80,000
	2	C	40	Voyles Trailer Park	1100254 01	Drill new well.	\$50,000
	2	C	40	WHITE OAK MUTUAL	3103265 01	To connect to the recently constructed PCWA Applegate water treatment water system.	\$153,010
	2	C	40	Modern Village MWC	5200545 01	Connect to City of Red Bluff water system.	\$0
	2	C	40	Sunrise Mobile Home Park	4500104 02	Consolidate with the nearest large water system.	\$80,000
	2	C	35	FLOWER COMPANY/CAMPINOTTI RANCH	4100551 01	Water treatment	\$75,000
	2	C	30	TUD-MOUNTAIN BOY RD. DITCH CONVEYAN	0011123 01	CONSTRUCT A WATER SYSTEM WITH A WATER TREATMENT PLANT, STORAGE, AND PIPELINES; OR EXTEND WATER LINES FROM THE BIG HILL WATER SYSTEM TO SERVE THE DITCH CUSTOMERS.	\$132,000
	2	C	30	TUD-CATTLE DRIVE DITCH CONVEYANCE P	0011124 01	CONSTRUCT A WATER TREATMENT PLANT, STORAGE TANK, AND PIPELINES TO SERVE THE INDIVIDUAL DITCH CUSTOMERS.	\$157,000
	2	C	30	TUD-LOWER COLUMBIA DITCH CONVEYANCE	0011125 01	INSTALL A PUMP STATION, TANK, AND PIPELINES FROM TUD'S COLUMBIA WATER SYSTEM TO SERVE THE INDIVIDUAL DITCH CUSTOMERS.	\$318,000
	2	C	25	TUD-EXPEDITION DR. DITCH CONVEYANCE	0011121 01	INSTALL WATER LINES TO CONNECT THE INDIVIDUAL DITCH CUSTOMERS TO TUD'S SCENIC VIEW WATER SYSTEM.	\$35,000
	2	P	1300	Durham High School	0400066 01	Replacement of well, pressure tank and delivery lines - some additional delivery lines.	\$278,000
	2	P	350	Wilson Elementary School	4901136 01	Drill new well and install new pumps, storage tanks and delivery hardware.	\$40,000
	2	P	250	SAN PASQUAL UNION SCHOOL	3700978 01	Develop new safe well as primary source. Test well to be drilled first to verify water quality. It may be necessary to purchase property (or an easement) if possible wells site: on land already owned by school demonstrates unacceptable water qualit	\$100,000
	2	P	186	Spring Valley School	0400065 01	Installation of 1.9 mile pipeline to connect to Del Oro Lime Saddle WD.	\$1,250,000
	2	P	68	OAK RUN ELEMENTARY SCHOOL	4500190 01	Drill a new well.	\$2,500
	2	P	60	Indian Springs School	4500162 01	Install a batch system for chlorination and disinfection with point of use filter to meet bacterial MCL. Replace failing distribution system.	\$10,000
	2	P	60	YOLO COUNTY AIRPORT	5700714 01	Abandon old well and install a new one.	\$325,000
	2	P	60	MULBERRY UNION SCHOOL DIST	1300556 02	Treat water for drinking purposes through construction of filtration mechanism.	\$50,000
	2	N	500	Oak Park	2700999 03	Purchase and install chlorination unit.	\$7,000
	2	N	400	Beaver Point Water System	0900614 01	Simplest solution: Connect to El Dorado Irrigation District.	\$80,000
	2	N	225	Crescent Water Association	3000811 01	Rehabilitate well, video-log	\$72,500
	2	N	145	Trinity Knolls Mutual Water	5301102 01	Install chlorination system. Repair Swift Creek headworks.	\$50,000
	2	N	100	THOUSAND TRAILS/SOLEDAD CYN PROBATI	1900045 01	DRILL DEEPER WELL, REPLACE CASING, REPLACE RESERVOIR COVER, TAP INTO COUNTY WATER SUPPLY.	\$9,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	2	N	50	Lincoln Chan Farm	3400137 01	Install new pipes, install new well, and a storage tank.	\$30,000
	2	N	25	FAYE RANCH PROPERTIES	5700720 01	Find source and stop access; replace well. Study and design.	\$40,000
	2	N	25	BUNDY CANYON CHRISTIAN SCHOOL	3302019 01	Consolidation, connect to existing adjacent public water system. Dissolve existing water system.	\$115,000
	2	S	20	Topo Ranch Water System	2701162 01	Replace tank or source	\$15,000
	2	S	18	Carmel Valley Water System #10	2702273 01	Replace source or tank	\$10,000
	2	S	12	Jolon Road Water System #5	2700939 01	Replace source or tank	\$6,000
	2	S	12	Metz Road Water System #9	2701180 01	Replace source or tank	\$10,000
	2	S	12	River Road Water System #9	2701750 01	Replace source or tank	\$6,000
	3	C	3700000	LOS ANGELES-CITY, DEPT. OF WATER &	1910067 01	AN UNDERGROUND BYPASS PIPELINE FOR THE LOWER HOLLYWOOD RESERVOIR, 60 MG OF COVERED, FILTERED WATER STORAGE IN 2 BURIED TANKS, A SMALL-SCALE MICROFILTRATION PLANT, AND A NEW WATER TRUNK LINE CONNECTING THE HOLLYWOOD AREA & LOWER STONE CANYON RESERVOIR	\$174,000,000
	3	C	3700000	LOS ANGELES-CITY, DEPT. OF WATER &	1910067 02	CONSTRUCTING A 32 MGD PUMPING STATION, A 32 MGD FILTRATION PLANT, A 6 MG CLAEARWELL TANK AND ASSOCIATED PIPELINES TO TREAT THE WATER FROM THE LOWER STONE CANYON RESERVOIR BEFORE IT IS DELIVERED TO THE CONSUMER.	\$111,000,000
	3	C	3700000	LOS ANGELES-CITY, DEPT. OF WATER &	1910067 03	CONSTRUCTING A 10 MGD FILTRATION PLANT, A 15 MG STORAGE TANK, PIPELINES AND UPSTREAM TRUNK LINE IMPROVEMENTS TO CONNECT THESE NEW FACILITIES TO THE DISTRIBUTION SYSTEM.	\$50,000,000
	3	C	3700000	LOS ANGELES-CITY, DEPT. OF WATER &	1910067 04	9.7 MGD MICROFILTRATION PLANT AT HOLLYWOOD RESERVOIR	\$17,000,000
	3	C	3700000	LOS ANGELES-CITY, DEPT. OF WATER &	1910067 05	This project is a component from project 01. It is called Unit 4 Hollywood trunk line. This leaves only Unit 3 Hollywood trunk line as proj. 01. The filtration plant has become project 04 itself.	
	3	C	74000	GOLETA WATER DISRICT	4210004 07	Construct pipeline, booster station, reservoir and surge tank to bring treated water to the Goleta West line.	\$4,000,000
	3	C	65000	Humboldt Bay MWD	1210013 01	Phased construction to provide full treatment.	\$10,000,000
	3	C	38700	Carmichael Water District	3410004 01	Construct a 22 MGD SWTR plant using microfiltration. Involves design and construction.	\$20,000,000
	3	C	26643	ATASCADERO MUTUAL WATER CO	4010002 01	Design and construct a new water treatment plant.	\$4,800,000
	3	C	26000	Paradise Irrigation District	0410007 05	Refinance of water treatment plant.	\$12,400,000
	3	C	18000	Humboldt C.S.D.	1210009 02	Participate in construction of a turbidity reduction/filtration facility	\$800,000
	3	C	15900	City of Arcata	1210001 01	Participate in construction of a turbidity reduction/filtration facility	\$2,400,000
	3	C	13500	McKinleyville C.S.D.	1210016 02	Participate in construction of a turbidity reduction/filtration facility	\$1,200,000
	3	C	13000	City of Eureka	1210004 03	Participate in construction of a turbidity reduction/filtration facility	\$3,000,000
	3	C	12100	Santa Ynez River Water Cons. Distri	4210020 03	Provide fitration and disinfection treatment which complies with the SWTR or provide additional piping to utilize the well as an agricultural only source.	\$750,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	3	C	10740	El Dorado ID - Main	0910001 01	Evaluation of appropriate sizing; construct, line, cover, and create a bypass.	\$600,000
	3	C	10740	El Dorado ID - Main	0910001 02	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	\$3,800,000
	3	C	10740	El Dorado ID - Main	0910001 03	Line and cover reservoir with a rigid cover and construct a bypass.	\$2,800,000
	3	C	10740	El Dorado ID - Main	0910001 04	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	\$800,000
	3	C	10740	El Dorado ID - Main	0910001 05	Evaluation of appropriate reservoir capacity; construct, line, cover and create a bypass.	\$600,000
	3	C	10740	El Dorado ID - Main	0910001 06	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	\$3,800,000
	3	C	10740	El Dorado ID - Main	0910001 07	Cover reservoir with a rigid cover and create a bypass.	\$600,000
	3	C	10740	El Dorado ID - Main	0910001 08	Cover reservoir with a rigid cover a create a bypass.	\$800,000
	3	C	10740	El Dorado ID - Main	0910001 09	Evaluation of the need to retain reservoir; design and construction of reservoir protection if necessary.	\$1,700,000
	3	C	10740	El Dorado ID - Main	0910001 10	Evaluation of need to retain reservoir or replace with pump station; design and construct reservoir if necessary.	\$500,000
	3	C	10740	El Dorado ID - Main	0910001 20	Evaluation of appropriate reservoir capacity, cover, and create a bypass. Involves design and construction.	\$1,400,000
	3	C	10740	El Dorado ID - Main	0910001 21	Evaluation of a proper design for double reservoir system; line, cover and create a bypass. Involves design and construction.	\$4,800,000
	3	C	10740	El Dorado ID - Main	0910001 22	Line and cover reservoir with a rigid cover and construct a reservoir by-pass.	\$1,400,000
	3	C	10740	El Dorado ID - Main	0910001 23	Line and cover reservoir with a rigid cover and construct a reservoir bypass.	\$800,000
	3	C	10000	North Tahoe PUD - Main	3110001 05	Refinance loan.	\$614,300
	3	C	10000	North Tahoe PUD - Main	3110001 09	Install underground piping and booster station. Involves design and construction.	\$186,000
	3	C	10000	North Tahoe PUD - Main	3110001 10	Install a one million gallon covered reservoir. Involves design and construction.	\$569,000
	3	C	10000	North Tahoe PUD - Main	3110001 11	Construct well, 500 and 1000 gpm. Involves design and construction.	\$400,000
	3	C	10000	North Tahoe PUD - Main	3110001 13	Increase the Ozone CT valves and equipment specification to address crypto inactivation and construct a facility to meet SWTR avoidance criteria. Involves design and construction.	\$3,050,000
	3	C	8550	Trabuco Canyon Water District	3010094 01	Possible conversion to full surface water treatment rule treatment.	\$2,000,000
	3	C	5100	SOLVANG WATER DEPARTMENT	4210013 01	Install 1.85 MGD filtration and disinfection TP to comply with the SWTR.	\$1,980,300
	3	C	3600	Amador County Water Agency-Sutter Creek	0310003 05	Study the existing conditions and investigate possible remedies	\$50,000
	3	C	3500	TERRA BELLA IRRIGATION DISTRICT - T	5410038 01	REFINANCING THE EXISTING DEBT AT A LOWER INTREST RATE	\$1,340,000
	3	C	3500	TERRA BELLA IRRIGATION DISTRICT - T	5410038 02	EXTEND DISTRIBUTIONS MAINS FROM NEW SWTP TO SERVE THIS AREA. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	3	C	3300	Burney Water District	4510003 02	Expand distribution system to previously unserved area. Eliminate residential wells contaminated with fecal coliform.	\$90,000
	3	C	2800	Donner Lake Water Company	2910005 03	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	\$2,286,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	3	C	2500	Tahoe Park Water Company	3110018 01	Install filters. Involves design and construction.	\$1,000,000
	3	C	2300	Santiago County Water District	3010095 02	Well head injection, mixing treatment and removal.	\$500,000
	3	C	2000	Agate Bay Water Company	3110012 01	Install filter system or drill well to circumvent surface water requirement.	\$450,000
	3	C	1600	North Tahoe PUD - Dollar Cove	3110036 02	Refinance loan.	\$100,200
	3	C	1600	North Tahoe PUD - Dollar Cove	3110036 01	Install disinfection equipment. Involves design and construction.	\$575,000
	3	C	1500	Stinson Beach County Wtr Dist	2110004 04	Increase source capacity with new well.	\$65,000
	3	C	1437	City of Blue Lake	1210002 01	Participate in construction of a turbidity reduction/filtration facility	\$400,000
	3	C	1200	Fieldbrook C.S.D.	1210020 02	Participate in construction of a turbidity reduction/filtration facility	\$200,000
	3	C	1200	SLO CWWD NO. 6 - SANTA MARGARITA	4010024 01	Locate and identify a new groundwater source, purchase right of way, design & construct well and new transmission line.	\$500,000
	3	C	1000	Manila Community Services Dist.	1210017 01	Participate in constructio of a turbidity reduction/filtration facility	\$100,000
	3	C	1000	Lake Forest Utility Company, Inc.	3110032 01	Install filters. Involves design and construction.	\$350,000
	3	C	1000	Tahoe Swiss Village Utility	3110042 01	Build a filter plant.	\$390,000
	3	C	1000	Tahoe Swiss Village Utility	3110042 02	Build a 300,000 to 500,000 gallon storage tank.	\$300,000
	3	C	630	Gasquet C.S.D.	0800555 09	Build additional filtration, storage, and distribution line capacity.	\$486,500
	3	C	500	River Pines PUD	0310006 01	DRILL REPLACEMENT WELL CLOSE TO FILTRATION PLANT TO ASSURE CONTINUOUS SUPPLY OFMICROBIOLOGICALLY SAFE WATER. OTHER = DESIGN AND CONSTRUCTION.	\$50,000
	3	C	500	ROVANA WATER COMPANY	1400006 01	Refinance	\$571,325
	3	C	495	Lakeside Park Association	0910019 01	LPA is seeking grant monies for all or part of the loan. Amortization of the loan will be very burdensome.	\$2,874,160
	3	C	475	Carmel Riviera MWC	2701254 02	Filter plant has been rebuilt after clean-up and salvage of damaged system.	\$150,000
	3	C	400	Lake County CSA 7 - Bonanza Springs	1700544 01	Installation of a filtration system or connect to Loc Lomand Water System.	\$50,000
	3	C	350	Taylorville Water	0000222 01	Create new water system.	\$50,000
	3	C	350	Taylorville Water	0000223 01	Create new system	\$850,000
	3	C	350	Big Rock C.S.D.	0800532 02	Design and installation of a filtering system at the chlorination building.	\$45,000
	3	C	320	BIG BEND RESORT	3600376 01	Construct new SWTP	\$300,000
	3	C	300	Pine Grove Water System	1700526 01	Hire hydrologist and spring developer to encase and enhance spring. Put liners in tanks. Rebuild distribution system.	\$100,000
	3	C	300	Lake County CSA 18 - Starview	1700574 01	Install filtration system. Rehabilitate distribution system.	\$1,000,000
	3	C	290	Grenada Water Company	4700523 01	Construct new deep wells with proper separation from sewage hazards. Also construct storage facilities and replace watermain.	\$500,000
	3	C	260	ARROYO SECO WATER SYSTEM #2	2701658 03	Add filtration to the system/Install filtration unit	\$70,000
	3	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 01	REDRILL 4 SHALLOW WELLS AND CONSTRUCT UNDER PERMIT OR PROVIDE FILTRATION PLANT.	\$40,000

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B	3	C	250	Rolling Hills Rancho	2700713 01	Drill 2 new wells, install two 30,000 gallon tanks, and construct filter system.	\$235,000
	3	C	230	CAMP SCOTT & CAMP SCUDDER	1900011 01	CONNECT OLD SYSTEM TO ADJACENT MUNICIPAL WATER SYSTEM	\$210,000
	3	C	200	Roosevelt Water System	0800510 01	Develop groundwater source to increase pressure and eliminate turbidity and bacteriological failure.	\$20,000
	3	C	200	Roosevelt Water System	0800510 02	Develop groundwater source including holding tank, new pumps, install larger mains and service lines, and install meters.	\$380,000
	3	C	200	BIG CREEK COMMUNITY SERVICES DISTRI	1000005 01	DRILL WELLS, ELECTRICAL TO PUMPS, PROVIDE PIPES, INSTALL DUAL SYSTEM (HOUSEHOLD AND AGRICULTURAL), INSTALL WATER MAINS. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	3	C	200	Riverview Acres Water System	5304501 01	Design and install a filter system. Install transmission main to increase chlorine contact time.	\$38,000
	3	C	200	Alderpoint County Water	1200501 01	Design and construct filtration and disinfection facilities to meet SWTR.	\$300,000
	3	C	180	COUNTY SERVICE AREA 7	4100509 01	Design and construct a new diversion structure on La Honda Creek. Lay new piping (3") along Pescadero Creek Road to Alpine Creek Bridge. Will require an intake pump and installation.	\$400,000
	3	C	175	Lake Canyon Mutual Water Company	4300522 01	Site for treatment has been acquired, treatment system has been purchased, and design engineering has been completed. They estimate 9 months for the construction of the treatment system. Replacement of aged mains is planned ASAP - given available f	\$156,000
	3	C	164	Clear Ridge Water Association	2701898 01	Install water filtration and disinfection system. Also, need new, larger pipes & valves and storage tanks. Or--drill new well to avoid SWTR.	\$100,000
	3	C	150	Tahoe Park Water Co - Skyland Syste	3110049 01	Install filters. Involves design and construction.	\$200,000
	3	C	140	Asoleado MWC	2702148 01	Install appropriate filtration system or drill deeper wells.	\$75,000
	3	C	135	Idylwild Water System	4300520 01	install filtration system	\$125,000
	3	C	125	SAN DIMAS CYN IMPROVMENT ASSN	1900064 01	Conduct Sanitary Survey and GWUDI study to study treatment solutions	\$15,000
	3	C	125	SAN DIMAS CYN IMPROVMENT ASSN	1900064 02	Drill and equip new well, or install filtration/disinfection on existing source.	\$80,000
	3	C	100	Lake County CSA 22 - Mt. Hannah	1700563 01	Installation of a filtration system or connect to Loc Lomand Water System.	\$1,000,000
	3	C	100	Lewiston Valley Water Co., Inc.	5301002 01	Construct new filter system. Replace transmission main. Add new storage tank.	\$75,000
	3	C	75	DARWIN COMMUNITY	1400098 02	Construct SWTP	\$300,000
	3	C	75	KINGS MOUNTAIN PARK MUTUAL WATER CO	4100539 01	Design and construct filter.	\$100,000
	3	C	70	Coastlands MWC	2701279 01	Install SWT system.	\$100,000
	3	C	65	Harmony Hills Water System	3500503 01	Drill new wells.	\$200,000
	3	C	65	Carmet Water Company	4900578 01	Construct slow sand filter and drill additional side hill wells.	\$52,000
	3	C	54	Greenhaven Homeowner's Water Assoc.	3200195 01	Drill deeper well and increase storage capacity.	\$15,000
	3	C	50	Hidden Valley Homeowners Assoc	1200690 01	A consolidation of the system with Humboldt CSD or City of Eureka.	\$200,000



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B	3	C	45	Sunrise Shores Mutual Water Co.	1700536 01	Install conventional filtration. Replace distribution system.	\$150,000
	3	C	43	Palomino Estates MWC	1206002 01	Installation of Yardney MM 4860-1A Filter System.	\$37,000
	3	C	41	ROSARIO PARK WATER SYSTEM	4200579 01	Install a filtration and disinfection treatment system which complies with the SWTR.	\$25,000
	3	C	36	Cortland Pines MWC	4500009 01	Purchase land and construct filtration system and install two large storage tanks and water meters to provide filtration system for surface water, and solve storage and pressure problems.	\$244,000
	3	C	35	River Oaks Resort	5301005 01	Drill a new well source away from river. Reline the concrete storage tank. Replace water mains and install new booster pump.	\$50,000
	3	C	32	Rancho Chapparal Water Co.	2701278 01	Install new tank and drill new well.	\$125,000
	3	C	32	Rancho Chapparal Water Co.	2701278 02	Conduct study to determine best solution and implement chosen alternative, e.g. drill well, design/construct filtration treatment system.	\$100,000
	3	C	25	DEL TRIBER MOBILE HOME PARK	1300557 01	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	\$45,000
	3	C	25	PALM VILLA MOBILE HOME PARK	1300558 01	Install a new water treatment system and distribution system or connect with the City of El Centro. The last option is preferred.	\$65,000
	3	C	25	SIERRA EAST MOBILE HOME PARK	2600622 01	Drill new deep vertical well	\$25,000
	3	C	22	Brandon Creek Mutual	2701731 01	Install filtration system.	\$100,000
	3	C	0	LOPEZ PROJECT	4010022 01	Locate & identify a new well site, then design & construct a new well.	\$200,000
	3	P	800	WEAVER UNION SCHOOL DISTRICT (Merced)	2400101 01	HAVE TWO EXTRACTION WELLS TO REMOVE TCE/ CAN'T CORRECT BARIUM LEVELS	\$50,000
	3	P	200	Captain Cooper School	2702322 01	Replace well. Install filtration unit.	\$200,000
	3	P	140	LUTHER VILLAGE CAMP	3600075 01	Construct new well	\$15,000
	3	P	83	TEHACHAPI CHURCH OF THE NAZARENE	1502753 01	Interconnect to another public water system or provide adequate disinfection contact time.	\$100,000
	3	P	60	Plumas County Bldg. & Grounds	3200112 01	Replace storage tank, spring box, and associated lines. Install treatment and filtration system.	\$60,000
	3	P	48	DEEP SPRINGS COLLEGE	1400068 03	Study to determine GWUDI status, construct new well and tank	\$30,000
	3	N	400	TINNEMAHA CAMPGROUND 2	1400048 01	Construct new well, tank, and distribution system	\$27,500
	3	N	241	CSP-Wrights Beach State Park	4910308 01	Locate and construct new water source well and distribution system.	\$100,000
	3	N	217	CSP-Goat Rock State Beach	4910313 01	Construct new water source and repair damaged distribution system.	\$75,000
	3	N	200	CAMP ARBOLADO	3600530 01	Construct SWTP and replace mainline in distribution system	\$268,525
	3	N	200	REDWOOD GLEN BAPTIST CAMP	4100522 01	Install 2,5000 pipe line to connect to larger county water treatment facility.	\$80,000
	3	N	150	CYO CAMP PENDOLA	5800838 01	Install a Memclear System with storage tank, automatic chlorinator, and necessary pumps.	\$17,750
	3	N	50	ELKUS 4-H RANCH C/O GLORIA BROWN	4100502 01	New water treatment system	\$80,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	3	N	25	WUEST LAKE COUNTY CAMPGROUND	1300614 01	Install the system as shown in the included design.	\$75,000
	3	N	25	MILL POND CAMPGROUND 2	1400047 01	Conduct study to determine GWUDI status, construct new well and tank	\$19,500
	3	N	25	Ruth Lake Marina	5305003 01	Relocate well sources above projected maximum flood level. Extend system to incorporate nearby individual residence systems.	\$20,000
	3	S	20	Arroyo Seco Water System #15	2702422 01	Install filtration/disinfection unit	\$15,000
	4	C	374600	Sacramento, City of	3410020 12	Provide a flash mix system using static baffles to create headloss. Involves design and construction.	\$50,000
	4	C	292900	City of Anaheim	3010001 02	The Plant was closed down and reconstructed in order to comply with the Surface Water Filtration and Disinfection Treatment Regulations.	\$20,000,000
	4	C	131723	POMONA- CITY, WATER DEPT.	1910126 05	CONSTRUCTED A 3.5 MG RESERVOIR	\$2,202,000
	4	C	131723	POMONA- CITY, WATER DEPT.	1910126 06	PILOT STUDY OF FILTRATION MEHOD WAS RUN AND MODIFICATIONS ARE NEARLY COMPLETED BASED ON FINDINGS OF THE STUDY	\$3,850,000
	4	C	129700	THREE VALLEYS MWD	1910041 03	INSTALL A STORM DRAIN SYSTEM TO CARRY STORM WATER OFF OF PROPERTY.	\$1,000,000
	4	C	129700	THREE VALLEYS MWD	1910041 05	INSTALL HYPALON BAFFLING IN RESERVOIR.	\$170,000
	4	C	100000	AZUSA LIGHT AND WATER	1910008 02	Upgraded Filter #1 and Filter #2: increased media depth, provided provision filter to waste and continuous turbidity monitoring, installed control panel.	\$450,000
	4	C	100000	AZUSA LIGHT AND WATER	1910008 03	Constructed new pump station and 4MG reservoir to meet contact time for CT calculations.	\$4,000,000
	4	C	87137	ANTELOPE VALLEY-EAST KERN WATER AGE	1910045 01	ADD ONE 9 MG CLEARWATER RESERVOIR FOR A TOTAL OF 18 MG STORAGE AT A 65 MGD WATER TREATMENT PLANT	\$1,800,000
	4	C	70700	Arcade WD - Town & Country	3410001 05	Install a 10 mgd water treatment plant. Involves design and construction.	\$10,500,000
	4	C	66000	Elsinore Valley MWD	3310012 02	See attached sheet	\$3,600,000
	4	C	60000	CASITAS MUNICIPAL WATER DIST	5610024 02	Construct a 170,000 gallon backwash storage tank and install a VFD pump (1000 gpm) at Avenue No. 1 pump plant.	\$300,000
	4	C	21000	Brawley - City of	1310001 02	The city has approved and undertaken the construction of a new water plant to correct violations noted in the DHS CO. The monies from the DWSRF will be used to refinance the plant.	\$18,000,000
	4	C	12861	Bella Vista Water District	4510014 03	Study and pre-design for water treatment plant to meet CT disinfection regulation.	\$100,000
	4	C	12861	Bella Vista Water District	4510014 06	Improve system to meet CT disinfection regulation; filter rate of flow controllers; filter to waste and recycle basin; add two new filters; coagulant addition; and variable speed pump.	\$2,280,000
	4	C	8000	ACWA Buckhorn Plant	0310012 01	UPGRADE TREATMENT PLAN OR CONSTRUCT A NEW ONE. OTHER =	\$3,500,000
	4	C	7500	Placerville, City of - Main	0910003 03	Replace tank or install piping and a pump system to backwash from treated water reservoirs.	\$85,000
	4	C	7500	Serrano Water District	3010082 01	Refinance projects started after 7/1/93- see app	\$5,000,000
	4	C	6711	Georgetown Divide PUD	0910013 01	Empty filters, the underdrains and surface washers need to be removed and replaced and new flow meters added. Involves design and construction.	\$80,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	4	C	6380	Nevada ID - Lake Wildwood	2910023 06	Consolidate with Lake Wildwood system by constructing a pump station and transmission mains. Involves design and construction.	\$780,000
	4	C	5800	CAMBRIA COMM SERVICES DIST	4010014 03	Install filtration system at the Santa Rosa Creek Treatment Plant to comply with the Surface Water Treatment Rule.	\$200,000
	4	C	4840	Nevada ID - Lake of Pines	2910014 01	Add surface wash, add filter, and replace redwood clearwell tank.	\$440,000
	4	C	4300	Union Public Utility District	0510001 01	CONSTRUCT IMG, BAFFLED CLEARWELL OTHER = DESIGN AND CONSTRUCTION	\$538,970
	4	C	4037	City of Jackson	0310001 01	MAJOR RECONSTRUCTION AND REHABILITATION (OR REPLACEMENT) OF WTP. OTHER = STUDY, DESIGN CONSTRUCT AND OTHER.	\$4,000,000
	4	C	3200	Meadow Vista County Water Dist	3110009 03	Install 2mgd package plant to operate in parallel, but independent of existing facilities.	\$680,000
	4	C	3000	Heber Public Utility District	1310007 01	Build new treatment plant	\$3,800,000
	4	C	2660	Sierra Lakes County Water Dist	3110017 02	Install additional filter capacity.	\$100,000
	4	C	2660	Sierra Lakes County Water Dist	3110017 03	Install welded steel tank with capacity of 550,000 gallons at cost of \$465,000.	\$465,000
	4	C	2500	Lake Alpine Water Company	0210001 01	UPGRADE OR REPLACE TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	\$375,000
	4	C	2300	Westmorland - City of	1310008 01	See attached description and water system improvements Map	\$3,356,520
	4	C	2300	Kelseyville Co Waterworks District	1710007 01	Install filtration system an/or connect to Soda Bay water system. Replace Valley Vista Tanks.	\$1,000,000
	4	C	2000	Christian Valley Park CSD	3110034 01	Install one new filter. Involves design and construction.	\$200,000
	4	C	2000	Bidwell Water Company, Inc.	3210001 01	Add additional filter. Replace a portion of the distribution system.	\$250,000
	4	C	2000	Bidwell Water Company, Inc.	3210001 03	Install control equipment to improve treatment plant, reservoir coating, etc.	\$70,000
	4	C	2000	City of Vallejo - Lakes Water System (Gordon Valley)	4810021 01	Associated with the construction of a 1.1 million gallon clearwell and storage reservoir, this would meet the Ct requirements.	\$7,500,000
	4	C	1150	C.C.W.D., West Point	0510005 01	REPLACE WITH NEW SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	\$1,200,000
	4	C	1100	Happy Camp C.S.D.	4710012 01	Install additional filter to reduce loading rates and possibly pretreatment. Install water meters at service connections to help control demands.	\$160,000
	4	C	920	Nevada ID - Cascade Shores	2910007 01	Add surface wash manifolds. Construct pipeline from system storage for adequate backwash supply.	\$90,000
	4	C	800	Lake County CSA 2 - Spring Valley	1710018 02	Construct 2 more slow sand filters and 100,000 gals additional storage for shut-down times.	\$1,000,000
	4	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 01	Install an additional dual media filter	\$78,775
	4	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 09	New treatment room constructed in Senior Canyon further upstream.	\$9,000
	4	C	796	Grizzly Flats Community Servic	0910006 01	Install a second treatment unit. Involves refinancing, design and construction.	\$375,000
	4	C	795	Nevada ID - Snow Mountain	2910027 01	Consolidate Snow Mountain system with Banner system by constructing a pump station and transmission pipelines. Involves design and construction.	\$1,200,000
	4	C	700	BIG HILL WATER CO- BIG HILL	5510029 03	CONSTRUCT A NEW SURFACE WATER TREATMENT PLANT.	\$954,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	4	C	600	Napa County Public Works-NBRID	2810013 01	Construct new treatment plant filter, Reconfigure piping at clearwell to increase chlorine contact time.	\$2,000,000
	4	C	500	Sereno Del Mar/Carmet/Salmon Creek	0003046 01	Construct 2.8 miles of water main to connect all 3 public water systems into the existing gravity storage at Sereno Del Mar and Carmet. Use Salmon Creek source as primary supply.	\$300,000
	4	C	500	Pleasure Cove Resort	2810011 01	new surface water treatment plant	\$150,000
	4	C	475	Carmel Riviera MWC	2701254 03	Temporary lines were replaced with proper sized lines, providing adequate contact time.	\$165,000
	4	C	450	Lewiston Park MWC	5301003 01	Construct new filtration facilities and/or develop new groundwater sources. Add emergency standby generator capability.	\$100,000
	4	C	350	Donner Summit Public Utility D	2910016 01	Install a second filtration and disinfection system.	\$50,000
	4	C	336	SHADY GLEN MOBILE HOME PARK	3100040 01	Enlarge filtration and improve disinfection process, increase storage for chlorine contact time and during surface water interruptions.	\$80,000
	4	C	317	ALPINE MEADOWS	3100041 01	Install 6" water line from plant to storage tank; install water meters and replace distribution system. Involves design and construction.	\$370,000
	4	C	300	Napa County Public Works-LBRID	2800526 01	Replace existing filter with new one. Install additional plant equipment. Replace galvanized steel piping in distribution system.	\$2,000,000
	4	C	300	Northstar C.S.D.	3110028 02	Construct coagulation and sedimentation complete with alarms.	\$900,000
	4	C	300	Sereno Del Mar Water Company	4900647 01	Construct new surface water treatment plant. Construct new storage and develop ground water supplemental source. Or construct intertie with carmet water system.	\$250,000
	4	C	263	Elk Creek CSD	1100616 01	Installation of new surface water treatment plant and miscellaneous appurtenances.	\$383,525
	4	C	250	Capell Valley Water Co.	2800543 01	System upgrade to meet requirements.	\$10,000
	4	C	250	Spanish Flat Water District	2810014 01	Construct new package water treatment plant.	\$875,000
	4	C	250	Sonoma County CSA 41-Jenner	4900532 01	Install a raw water or decant tank ahead of treatment plant.	\$20,000
	4	C	250	Capell Valley Water Co.	2800543 02	Add liners to tanks, backwash meter, static mixer, and carbon filters	\$12,500
	4	C	240	DUTCH FLAT MUTUAL WATER CO	3100058 01	Construct additional storage (100,000 gallons) to provide greater CT while meeting maximum demand.	\$48,096
	4	C	230	Davenport WS - County Sanitation Di	4400571 02	Install new pump, filters, and clarifier.	\$150,000
	4	C	222	KYBURZ MUTUAL WATER CO	0900300 01	New storage tank and deep cased well/pump.	\$125,000
	4	C	210	Occidental Community Services Distr	4900536 01	Conduct public meeting to develop environmental & feasibility plans - contract for delivery of water from an adjacent water system or source. This procedure may include a joint powers agreement for a single management & operation district.	\$750,000
	4	C	180	Berryessa Pines Water System	2810009 01	Construct new surface water treatment plant with all required reliability features and a new clearwell for chlorine contact time to achieve required inactivation.	\$750,000
	4	C	150	Cache Creek Mobile Home Park	1700581 01	Construct approved surface water treatment plant	\$80,000
	4	C	125	Hat Creek Mutual Water Co.	4500022 01	Replace existing substandard filtration system and add an additional chlorine contact tank with enclosure building to meet the SWTR regulations.	\$28,500
	4	C	125	Tennant C.S.D.	4700531 01	Add coagulant feed facilities or construct slow sand filters.	\$50,000
	4	C	120	Coast Springs Water Company	2110007 02	Construct a new treatment plant.	\$76,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	4	C	120	Coast Springs Water Company	2110007 03	Drill new deep well 1,000 ft.	\$110,000
	4	C	120	SID-Pleasant Hills Ranch	4810025 01	Purchase and install State approved point of entry water treatment devices for every home.	\$375,000
	4	C	107	Nevada ID - Smartville	5810005 01	Add flocculation and sedimentation, modify filter, and filter, add clearwell for CT and monitoring. Involves design and construction.	\$140,000
	4	C	94	KNIGHTS FERRY COMMUNITY	5000008 01	CONSTRUCT LARGER CLEARWELL. UPGRADE SURFACE WATER TREATMENT PLANT AS NECESSARY	\$300,000
	4	C	77	Rancho Del Paradiso Water Co.	4900514 01	Install approve filtration system, replace existing 5,000 gal tank with 10,500 gal concrete tank and new transmission lines.	\$158,500
	4	C	75	EL NOVATO TRAILER PARK	2100570 01	Connect these mobile homes to city water. North Marin Water District.	\$125,000
	4	C	75	Westport County Water District	2300730 01	Reconstruct infiltration gallery. Add new contact vessel to plant to change it to direct filtration treatment system. Install new disinfection system to ensure compliance with swtr.	\$250,000
	4	C	75	LOMA MAR MUTUAL WATER COMPANY	4100512 02	Rebuild sedimentation tank	\$45,000
	4	C	75	SID-Blue Ridge Oaks	4810024 01	Purchase and install State approved point of entry water treatment devices for every home or purchase of water treatment capacity from City of Fairfield.	\$375,000
	4	C	70	Callahan Water District	4700503 01	Add storage or replumb to increase contact time for disinfection. Review condition of components of filter plant and repair or replace defective components to ensure proper filtration.	\$250,000
	4	C	68	BRACKENBRAE MWC	4400604 01	Construct treatment plant. Technology to be determined by outcome of separate study.	\$25,000
	4	C	68	BRACKENBRAE MWC	4400604 02	Study alternatives for treatment of surface source. Especially consider slow sand or membranes filtration technologies.	\$5,000
	4	C	60	Seawood Estates Mutual Water	1200588 01	Consolidate systems and upgrade treatment to meet SWTR.	\$196,000
	4	C	60	Azalea Glen	1200704 01	Install a well and construct a closed system.	\$28,250
	4	C	60	Clearwater Mutual Water Company	1700546 01	Replace storage tanks with larger tanks and make treatment plant improvements or replace treatment plant.	\$100,000
	4	C	60	Washington County Water Dist	2900523 02	Construct detention storage or alternative disinfection system.	\$100,000
	4	C	55	Sonoma County CSA 41-Freestone	4900549 02	Drill a new well and use it as primary, sole source. Use spring as standby source.	\$10,000
	4	C	48	CHIRIACO SUMMIT	3301115 01	The new project will include a 300,000 gallon storage reservoir, plus a new pipe system from the canal to the reservoir which will split water into potable and non potable for use at the Chiriaco site. All new plastic piping will be included as well	\$385,000
	4	C	35	Big River Vista Mutual Water Compan	2300596 01	Drilled well in 1996.	\$28,000
	4	C	35	Kimtu Meadows MWC	1200517 01	Identify what kind of system would work and implement.	\$100,000
	4	C	25	WEST MAIN MUTUAL WATER CO	1300530 01	We propose to connect to City water system (El Centro).	\$250,000
	4	C	25	VALLEY MOBILE PARK	1300572 01	Construct a new surface water treatment plant.	\$100,000
	4	C	25	Ford's Acres Mobile Home Park	1700610 01	Drill well to change system source to groundwater	\$65,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
B	4	C	15	TUD-LAST CHANCE WATER COMPANY	0011205	01	INSTALL A PIPELINE TO INTERCONNECT TO TUD'S UPPER BASIN SYSTEM.	\$98,000
	4	P	124	Pope Valley School	2800840	01	Construct new water treatment system.	\$455,000
	4	P	120	High Rock Conservation Camp	1210801	01	Install Memcor Unit 3MIOC.	\$90,000
	4	P	80	Whitethorn Elementary School	1200522	01	Install new complete filtration	\$100,000
	4	P	80	Casterlin School	1200546	01	Install new water treatment system on well source and disconnect surface water source.	\$100,000
	4	P	36	Pioneer Roofing Tile	4810016	01	Purchase and installation of State approved point of entry water treatment devices for every business and 1 residence or purchase of water treatment capacity from City of Fairfield.	\$300,000
	4	p	25	Belvior Springs	0110017	01	Connect with ACWD, will pay connection fees to ACWD.	\$90,000
	4	P	25	MC CABE UNION SCHOOL DIST	1300579	01	Construct a new water treatment facility.	\$45,000
	4	P	25	Fort Ross School District	4900679	01	Hook into a community water system which is properly maintained, has sufficient water and has a management system.	\$20,000
	4	N	20000	Ruth Lake Recreation Area	5305004	01	Relocate well source above maximum flood line. Consolidate individual systems.	\$25,000
	4	N	500	Caltrans Collier Tunnel RS	0800661	01	New pressure filter - 10 GPM	\$35,000
	4	N	300	CAMP LOMA MAR	4100529	01	Add 4500 gallon storage tank, expand sand filter	\$50,000
	4	N	100	FRESNO COUNTY PARKS-PINE FLAT CAMPG	1000084	01	DRILL A WELL.	\$50,000
	4	N	100	Bud Fine MWC	5301010	01	Upgrade filter system, replace storage tank, and replace deteriorated mains.	\$100,000
	4	N	25	RED HILL MARINA	1300561	01	Construction of a new surface water treatment plant.	\$150,000
	5	C	55000	EAST VALLEY WD	3610064	01	Consolidate water system into EVWD	\$670,000
	5	C	42500	SAN LUIS OBISPO WATER DEPARTMENT	4010009	02	Construct nitrate removal treatment facility and carbon filtration system for PCE removal	\$1,000,000
	5	C	26000	CAMROSA WATER DISTRICT	5610063	01	Provide electrodialysis reversal treatment of groundwater with denitrification of resulting brine.	\$2,800,000
	5	C	13000	City of Hollister	3510001	12	Construct membrane filtration plant to treat water from a surface source. Blend treated surface water with well water to reduce nitrate concentration in water delivered to distribution system.	\$6,500,000
	5	C	12440	GROVER BEACH WATER DEPARTMENT	4010004	02	Replace computer and software monitoring and control system	\$20,000
	5	C	12440	GROVER BEACH WATER DEPARTMENT	4010004	03	Sandblast/remove damaged paint and corrosion, then apply new coating system	\$35,000
	5	C	12440	GROVER BEACH WATER DEPARTMENT	4010004	04	Repair/replace mechanical and central system components	\$300,000
	5	C	12440	GROVER BEACH WATER DEPARTMENT	4010004	05	Replace unit with new Chemscan UV-3100 and process analyzer	\$30,000
	5	C	9743	City of Greenfield	2710008	01	Install a water main to this property to hook up residences to City water.	\$250,000
	5	C	9743	City of Greenfield	2710008	02	Install a water main to this property to hook up residences to City water.	\$120,000
	5	C	9616	City of Soledad	2710011	01	Replace private wells with connection to municipal water.	\$220,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	5	C	9616	City of Soledad	2710011 02	Replace private wells with connection to municipal water.	\$200,000
	5	C	8250	Hillcrest Water Co. Region 5	5110005 01	Add nitrate removal treatment to existing wells. Construct two new wells and pipeline appurtenances.	\$2,663,900
	5	C	5000	Agua Dulce Town Council Water Stewa	1910251 01	Developed scenarios for nitrate mitigation and future water treatment.	\$100,000
	5	C	2500	PLAINVIEW MUTUAL WATER COMPANY	5410039 01	DRILL NEW WELL, INSTALL ADEQUATE STORAGE, REPLACE WATER DISTRIBUTION SYSTEM. OTHER-DESIGN, CONSTRUCTION, TEST WELL	\$500,000
	5	C	1877	EASTON COMMUNITY SERVICES DISTRICT	0011100 01	CONSTRUCTION OF A NEW COMMUNITY WATER SYSTEM.	\$3,050,000
	5	C	1050	PLAINVIEW PUBLIC UTILITY DISTRICT	1500121 01	Drill a new well, install new pump and tie into another existing system. OTHER - Study, Design, Construction	\$300,000
	5	C	1000	Chualar Water District	2701202 01	Locate a remote well site and drill and install a new well head and system.	\$900,000
	5	C	1000	Chualar Water District	2701202 02	Rehabilitation/relining community source water supply well; new well or treatment if necessary	\$250,000
	5	C	800	EAST OROSI C S D	5401003 01	DRILL A SECOND WELL FOR FUTURE USE IF PRIMARY WELL IS SHUT OFF. OTHER - DESIGN AND CONSTRUCTION	\$180,000
	5	C	667	City of Modesto, DE Grayson	5010033 01	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE. PIPE THE WATER TO GRAYSON AND WESTLEY, THE OTHER COMMUNITY IN AREA WITH WATER QUALITY PROBLEMS. OTHER = DEISGN AND CONSTRUCTION	\$4,100,000
	5	C	480	SANTA ROSA MUTUAL WATER CO	5602114 01	Convert all of the existing distribution system for agriculture use only. Construct supply lines for dual system with Camrosa Water District to supply potable water to customers.	\$1,027,499
	5	C	462	MAPLE WATER COMPANY	1900996 01	PHASE I OF 2: CONSTRUCT MAPLE WATER TIE-INS TO IMMEDIATELY SOLVE THEIR NITRATE PROBLEM. COMPANY HAS TIED IN TO SUBURBAN WATER SYSTEMS.	\$200,000
	5	C	462	MAPLE WATER COMPANY	1900996 02	PHASE 2 OF 2: DRILL A 2000 GPM WELL TO REPLACE THE 2 EXISTING WELLS	\$975,000
	5	C	400	AIRPORT MUTUAL WATER SYSTEM	1500305 01	REPLACE OLD SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$1,250,000
	5	C	400	ARROYO VERDE MWC	3600019 01	Consolidate with East Valley WD or construct treatment facility	\$515,000
	5	C	350	SOULTS MUTUAL WATER	5400805 02	DEEPEN WELL, RUN WATER CONNECTIONS THROUGH FRONT YARDS. OTHER - DESIGN AND CONSTRUCTION	\$100,000
	5	C	340	Pajaro/Sunny Mesa CSD II	2700773 01	New water system would provide reliable, potable water for all residents. It would eliminate the older, shallow wells and possibly avoid the nitrate problem.	\$1,350,000
	5	C	320	Vista Grande Water System	5200012 01	Construct new well.	\$20,000
	5	C	250	CAMP JOSEPH PAIGE, CAMP CLINTON B.	1900236 02	CONNECT CAMP WATER SYSTEM TO SAN GABRIEL VALLEY WATER DISTRICT SYSTEM OR CONSTRUCT NEW WELL, STORAGE TANK, AND CHLORINATOR.	\$350,000
	5	C	250	Twin Valley, Inc.	4300575 01	Drill more wells. Add 50,000 gallon water tank.	\$150,000
	5	C	250	Twin Valley, Inc.	4300575 02	Install new tank & piping.	\$150,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	5	C	240	GRAND-VIEW GARDENS	5400666 01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	5	C	235	RANCHO ESTATES MUTUAL WATER	3700936 01	Install a parallel domestic water distribution system for irrigation.	\$598,935
	5	C	200	LEMON COVE WATER CO	5400616 01	Drill a new well and connect to system OTHER- Design and Construction	\$150,000
	5	C	200	FAIRWAY TRACT WATER CO	5400663 01	INSTALL NITRATE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	\$180,000
	5	C	200	WILLIAMS MUTUAL WATER COMPANY	5400718 01	DRILL NEW WELL AND INSTALL NEW MAINS. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$440,000
	5	C	175	RODRIQUEZ LABOR CAMP	5400735 01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	5	C	150	Mecchi Water Company	4300912 01	Replace 2" main with 4" main. Install meters for all customers.	\$80,000
	5	C	150	Mecchi Water Company	4300912 02	Replace tank. Resolve chlorination problems. Purchase back-up generator. Connect residences on well site to sewer system and abandon septic tank.	\$40,000
	5	C	140	Springfield Mutual Water Company	2700771 01	We need funds for evaluation, design, and repairs.	\$200,000
	5	C	125	Grizzly Lake RID-(Crocker/Welch)	3200107 01	Obtain land for a 100,000 gallon water tank, drill a well, build a pump house, and install 400 feet of 6-inch water line.	\$164,000
	5	C	109	VEGA ROAD WATER SYSTEM #1	2700787 02	Drill and equip a new well.	\$225,000
	5	C	100	WEST MC KINLEY WATER SYSTEM	1000077 01	CONNECT TO CITY WATER SYSTEM. INSTALL MAINS & METER. ABANDON EXISTING WELLS.	\$75,000
	5	C	100	COUNTRY VIEW ALZHEIMER CENTER	1000430 01	CONSTRUCT A NEW WELL.	\$20,000
	5	C	100	WHISPERING SANDS	3301746 02	Connect to adjacent public water system, or drill new well.	\$150,000
	5	C	93	TICO MUTUAL WATER CO	5601122 06	Provide most cost effective approach to nitrate management to ensure nitrate MCL limits are not exceeded.	\$325,000
	5	C	93	TICO MUTUAL WATER CO	5601122 05	Drill replacement well for the TICO MWC's main well.	\$112,000
	5	C	75	Porta Yosemite Mobile Home Park	2210914 01	CONSTRUCT ADDITIONAL WELLS AND/OR PROVIDE NITRATE REMOVAL TREATMENT.	\$250,000
	5	C	70	FAWCETT FARMS SYSTEM	2400210 01	DRILL A NEW WELL.	\$50,000
	5	C	68	Murphy Hill Mutual Water #2	2700663 01	Remove old tank and install new steel tank.	\$50,000
	5	C	67	Moro Cojo Mutual Water Association	2700656 03	Construct a new well, possibly in a different location.	\$100,000
	5	C	65	Park Sierra MHP	5000022 01	DRILL NEW WELL	\$20,000
	5	C	60	SEVENTH STANDARD MUTUAL	1500373 01	UNDETERMINED UNTIL STUDY IS DONE. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$400,000
	5	C	55	Apple Ave. WS #3	2701036 01	Drill deeper well or consolidate with City water system.	\$75,000
	5	C	50	FENDERSON WATER SYSTEM	1500003 01	CONNECT TO SHAFTER WATER SYSTEM WHICH IS 1/4 MILE AWAY. OTHER - DESIGN AND CONSTRUCTION	\$80,000
	5	C	50	CASA DULCE ESTATES	1900717 01	Study treatment options for Nitrate.	\$5,000
	5	C	50	CASA DULCE ESTATES	1900717 04	Design and install nitrate treatment system at the wellhead.	\$30,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	5	C	49	Murphy Hill Water System #1	2700662 01	Install 15000 gallon tank and slab. Install backflow device or a second 10,000 gallon tank and slab. Install 24 residential water meters.	\$36,000
	5	C	42	DELSUR GARDENS PARK WATER SYSTEM	1900304 01	NEED TO DRILL A NEW WELL DEEPER THAN EXISTING WELL AND REPLACE WELL PIPE.	\$32,000
	5	C	40	Palm View RV Park	3302362 01	Connection to adjacent PWS. Or drill new well, or install treatment.	\$200,000
	5	C	25	BUEHNER APARTMENTS	5000297 01	INSTALL ION EXCHANGE TREATMENT (CONNECT TO PATTERSON?)	\$70,000
	5	C	25	Santa Ana Water Project Authority	3310075 01	Construction of pipeline to deliver water that meets all standards to water systems, to replace the use of high nitrate wells.	\$8,074,000
	5	C	0	UNITED WTR CONS DIST	5610046 04	Design and construct a skid mounted nitrate removal plant for one well for blending.	\$1,500,000
	5	P	3000	ANTELOPE VALLEY JOINT UNION H.S.	1900795 01	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM	\$18,000
	5	P	650	Spring Grove Elem School	3500548 01	Install a filtration system to reduce the nitrate level.	\$80,000
	5	P	550	WASHINGTON COLONY SCHOOL	1000285 01	CONSTRUCT A NEW WELL.	\$225,000
	5	P	540	Sanger Unified School Distric- FAIRMONT SCHOOL	1000112 01	CONSTRUCT A NITRATE REMOVAL TREATMENT SYSTEM.	\$158,200
	5	P	475	WATERLOO SCHOOL	3900757 01	NEW WELL, PUMP AND TANK	\$45,000
	5	P	375	WAVERLY ELEMENTARY SCHOOL	3900953 01	NEW WELL, PUMP AND TANK;	\$45,000
	5	P	200	CUYAMA JOINT UNION DIST ELEM	4200879 01	Need to design and construct a new deeper well to provide potable water to the system	\$100,000
	5	P	175	RANCHO SAN ANDREAS	4400660 02	Properly destroy abandoned well in vicinity of source. Design and construct nitrate removal treatment system.	\$9,000
	5	P	89	DELTA VIEW SCHOOL	1600006 01	INSTALL NEW WELL	\$50,000
	5	P	78	Union Heights MWC	3500825 01	Refurbish existing well or replace with new well	\$60,000
	5	P	45	LAKE MORENA TRAILER RESORT	3701760 02	Drill well or consolidate with adajacent system..	\$100,000
	5	P	40	KERN SEVENTH DAY ADVENTIST ELEM SCH	1502141 01	CONSOLIDATE WITH SURROUNDING COMMUNITY WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	5	P	26	ALDEA INC	4800821 01	Install water treatment system.	\$50,000
	5	N	725	Mountain View Chatom Rec	5000490 01	NEW WELL OR TREATMENT	\$50,000
	5	N	500	Oak Park	2700999 02	Drill and equip a new well or else install nitrate removal treatment.	\$25,000
	5	N	100	HENDERSON COUNTY PARK	2400088 01	INSTALL AUTOMATIC CHLORINATORS.	\$10,000
	5	N	100	HENDERSON COUNTY PARK	2400088 02	CONSTRUCT DISTRIBUTION SYSTEM IMPROVEMENTS.	\$50,000
	5	N	100	S.P.C. A. of Monterey County	2702370 01	Replace tank with bolted, steel tank. Design and install a new well.	\$250,000
	5	N	100	FCPR - LOS GATOS CREEK PARK	1000099 01	INSTALL A CHLORINATION SYSTEM.	\$10,000
	5	N	40	AILEEN OLSON LABOR CAMP	5700546 01	Deepen well. Involves design and construction.	\$17,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	5	N	25	Quintero Labor Camp #1 (Wright Rd)	3500559 01	Install chlorination system and nitrate anion exchange systems.	\$25,000
	5	N	25	OUR LADY OF ASSUMPTION CHURCH	5000402 01	THEY ASK FOR A NEW WELL. HOWEVER, IT MAY BE BETTER TO CONNECT TO THE NEARBY CITY OF TURLOCK SYSTEM.	\$200,000
	5	N	10	REGAL RESORT CAMELOT	3702338 01	Existing single storage reservoir is in poor repair. A new tank will be added to safely store adequate quantities of water. Pipe replacement needed throughout distribution system due to leaks and age/condition of piping. New well to be installed...	\$65,000
	5	S	23	Echo Valley Road Water System #11	2701556 01	Construct a new well	\$80,000
	5	S	22	ENCINAL RD WATER SYSTEM 1	2701241 01	Construct a new well	\$100,000
	5	S	20	San Jon Road Water System #2	2701878 01	Drill a new well	\$30,000
	5	S	16	Pine Tree Way Water System #2	2700696 01	Construct a new well	\$80,000
	5	S	15	San Miguel Water system #14	2701127 01	Construct a new well	\$80,000
	5	S	14	Echo Valley Road Water System #3	2700555 01	Construct a new well	\$80,000
	5	S	11	Russell Apartments Water System	2701229 01	Connect to California Water Service Co. (Salinas)	\$240,000
	5	S	0	River Road Water System #6	2702155 01	Drill a new well	\$40,000
	6	C	91000	CITY OF DOWNEY	1910034 05	Constructed replacement Well #11.	\$901,350
	6	C	66000	Elsinore Valley MWD	3310012 06	See attached sheet	\$1,800,000
	6	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 06	Design and construct VOC treatment plant and associated piping.	\$1,300,000
	6	C	30000	BELLFLOWER - SOMERSET MWC	1910013 01	Design and construct replacement wells.	\$1,000,000
	6	C	23947	ATWATER, CITY OF	2410001 01	CONSTRUCT A TEST WELL AND PRODUCTION WELL TO REPLACE WELL NO. 10 AND PERFORM REMEDIATION WORK ON WELL NO. 20.	\$605,200
	6	C	18100	LOS BANOS-CITY	2410005 01	Construct IX treatment system	\$600,000
	6	C	16250	CALIFORNIA WATER SERVICE - SELMA	1010024 02	DESIGN AND CONSTRUCT TREATMENT FACILITIES.	\$750,000
	6	C	16000	LINCOLN AVENUE WATER CO.	1910063 01	Installed granular activated carbon (GAC) treatment system.	\$300,000
	6	C	10700	ARVIN COMMUNITY SERVICES DIST	1510001 01	REPLACE THE WELL WITH A NEW WATER WELL. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	6	C	8505	KINGSBURG, CITY OF	1010019 01	PREPARE A FEASIBILITY STUDY TO EVALUATE THE EXTENT OF THE PROBLEM AND TO DEVELOP ALTERNATIVES.	\$30,000
	6	C	8505	KINGSBURG, CITY OF	1010019 02	PURCHASE PROPERTY ADJACENT TO WELL NO. 11 FOR FUTURE INSTALLATION OF GAC FILTRATION SYSTEM.	\$50,000
	6	C	8505	KINGSBURG, CITY OF	1010019 03	DESIGN A GAC FILTRATION SYSTEM FOR WELL NO. 11.	\$40,000
	6	C	8505	KINGSBURG, CITY OF	1010019 04	CONSTRUCT A GAC FILTRATION SYSTEM FOR WELL NO. 11.	\$400,000
	6	C	8000	LA PUENTE VALLEY CWD	1910060 01	Installed 1500 gpm air stripping tower.	\$627,396
	6	C	7744	Sebastopol, City of	4910011 01	Planning, design and construction of a air stripper at well 4.	\$800,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	6	C	7000	CLAWA WHOLESale	3610114 01	Feasibility study with design and construction of facilities to meet THM MCL	\$2,400,000
	6	C	6700	KERMAN, CITY OF	1010018 01	DEVELOPMENT OF A NEW GROUNDWATER SUPPLY OUTSIDE OF THE CITY AND INSTALLATION OF A TRANSMISSION LINE TO CONVEY THE WATER TO THE CITY.	\$4,000,000
	6	C	5520	Southern Calif WC - Yorba Linda	3010070 02	Install ion-exchange facility to remove Uranium.	\$500,000
	6	C	5520	Southern Calif WC - Yorba Linda	3010070 03	Install GAC treatment to remove PCE.	\$250,000
	6	C	4600	Lakeport, City of	1710004 02	Provide pH/corrosion control facilities.	\$120,000
	6	C	3750	FOWLER, CITY OF	1010006 01	HAVE WELL 1 REDEVELOPED AND ADD STORAGE TANKS. INSTALL CHLORINATION STATIONS AT ALL WELLS. CONSTRUCT 15,000 GAL. STORAGE TANKS. REPLACE ALL STEEL MAINS WITH C-900 TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$750,000
	6	C	3450	Mather AFB - Wherry Housing Area	3410704 07	Design and construct new well.	\$250,000
	6	C	3200	MISSION HILLS CSD	4210019 01	Design and construct storage, handling and injection facilities for a corrosion inhibitor.	\$40,000
	6	C	2600	Idyllwild WD	3310019 04	Conduct a corrosion control study and construct an appropriate treatment system.	\$50,000
	6	C	2170	HILLVIEW WC- OAKHURST/SIERRA LAKES	2010007 01	OBTAIN SURFACE WATER FROM BASS LAKE (ABOUT 7 MILES AWAY) AND CONSTRUCT SURFACE WATER TREATMENT AND DISTRIBUTION FACILITIES TO BLEND THE TREATED SURFACE WATER WITH THE URANIUM CONTAMINATED WELL WATER.	\$5,000,000
	6	C	2000	Cobb Area County Water District	1710012 02	Build a limestone contractor.	\$17,000
	6	C	1965	EAGLE MOUNTAIN WATER CO	3301227 01	Install treatment plant and new pipeline as necessary.	\$2,000,000
	6	C	1700	CARUTHERS COMM SERV DIST	1010039 02	DRILL NEW WELL, HYDROPNEUMATIC TANK, AND STANDBY POWER GENERATOR. OTHER - DESIGN AND CONSTRUCTION	\$555,000
	6	C	1250	SLO CWWD NO. 1 - SAN MIGUEL	4010010 01	Study to determine source of problem, design & construct solution (treatment or new well)	\$500,000
	6	C	1200	BIOLA COMMUNITY SERVICES DIST	1010049 01	CONSTRUCTION OF A NEW WELL AND PIPELINE TO CONNECT IT TO THE SYSTEM.	\$400,000
	6	C	1100	Riverside CSA #122	3310028 01	Construct a new supply well, filtration treatment units, storage reservoir, and a transmission main pipeline connection to the Riverside Coutny Airport-Blythe.	\$2,000,000
	6	C	1000	DEL REY COMMUNITY SERV DIST	1010035 01	DRILL TWO NEW PRODUCTION WELLS.	\$835,600
	6	C	1000	MALAGA COUNTY WATER DISTRICT	1010042 05	NEW WELL NO. 6 DESIGNED TO AVOID CONTAMINATION	\$92,000
	6	C	1000	Fern Valley WD	3310040 01	Treatment on 7 Wells.	\$400,000
	6	C	500	CURTIS WATER COMPANY	1600503 01	CONNECT TO CITY OF HANFORD PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$716,430
	6	C	500	ONYX WC	1510043 01	DRILL AND EQUIP A NEW WELL AND/OR PROVIDE TREATMENT. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	6	C	364	Manana Woods MWC	4400539 03	Increase size of aeration towers and GAC filters.	\$250,000
	6	C	340	ARBOR MOBILE HOME PARK	3900831 03	Build 80,000 gallon storage tank. Design and construction	\$50,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	6	C	300	Prunedale Mutual Water Association	2700702 01	Drill a new well and construct transmission line. Possibly purchase land for this new well site?	\$70,000
	6	C	280	NORTH EDWARDS WD	1510052 02	Lay approx. one mile of 8" PVC main and construct storage tank.	\$181,425
	6	C	225	MARINA VIEW HEIGHTS MAINT	2000551 02	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	\$300,000
	6	C	200	RAINBIRD VALLEY MUTUAL	1500393 01	Add one more well or upgrade back-up well (later been our priority). Other - Design/Construction	\$30,000
	6	C	200	LAKE SHORE PARK MAINTENANCE	2000550 01	CONSTRUCT A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM BASS LAKE.	\$300,000
	6	C	200	Yosemite West Water System	2210924 02	CONDUCT A STUDY, DESIGN AND CONSTRUCT TREATMENT FACILITIES TO ELIMINATE THE HIGH COPPER LEVELS IN THE SYSTEM.	\$75,000
	6	C	175	WESTERN SKY MOBILE HOME PARK	5400554 01	CONNECT TO THE CITY OF DINUBA.	\$95,000
	6	C	161	SHADED TERRACE	3900720 01	DRILL NEW WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	6	C	130	FOUR SEASONS MOBILE HOME PARK	1600004 01	CONSOLIDATE WITH THE CITY OF HANFORD	\$184,000
	6	C	130	Ananda Village Water System	2900562 01	Install dedicated pump line to storage tanks and aerator at tanks.	\$25,000
	6	C	120	BUEHNER-PRUNE AVENUE	5000313 01	NEW WATER WELL OR TREATMENT.	\$50,000
	6	C	100	BELMONT WATER CORPORATION	1000004 01	Deepen the existing well or drill a new well.	\$30,000
	6	C	80	Gomez Ranch	0001403 01	Construct a system that correct the high flouride level.	\$30,000
	6	C	80	Lapena Ranch Housing	3302069 01	Construct a well and 60,000 gal storage tanks and install a fire pump for required pressure.	\$34,400
	6	C	75	BRITZ INC/HELM SYSTEM	1009177 01	INSTALL A PIPELINE TO INTERCONNECT TO THE NEARBY HELM ELEMENTARY SCHOOL WATER SYSTEM.	\$19,000
	6	C	71	Mount Weske Estates Mutual Water Co	4900643 01	Engineering study, design and construction to determine optimum resolution of problem. For example: a) operate pump a different depth, b) connect to Windsor City water supply.	\$100,000
	6	C	70	PIKE RANCH MUTUAL WATER CO	2000526 01	DRILL NEW WELLS OR CONNECT TO A NEARBY WATER SYSTEM, INSTALL A NEW STORAGE TANK AND DISTRIBUTION LINES.	\$450,000
	6	C	45	HILLCREST MOBILE HOME PARK	1900827 01	NEW SUPPLY AND SYSTEM	\$234,000
	6	C	40	FOUNTAIN TRAILER PARK WATER	1500461 01	Connection to North Edwards Water District (System no. 1510052)	\$181,425
	6	C	30	COMMUNITY WELL WATER SYSTEM	0012158 01	CONSOLIDATE WITH SMALL WATER SYSTEM AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	6	C	25	ROSS CORNER WELL 1	1300563 01	Replace well.	\$100,000
	6	C	20	SHAFTER	0012157 01	CONSOLIDATE WITH NEIGHBOR-WATER SYSTEMS AND TIE INTO CITY OF SHAFTER WATER LINE. OTHER - DESIGN AND CONSTRUCTION.	\$600,000
	6	C	17	Ed's Water Company #2	2700547 01	Replace well. This would involve study, design, and construction.	\$50,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
B	6	C	14	Shafter	0012159 01	CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION.	\$600,000
	6	P	525	Olivet Elementary School	4900699 01	A new well was drilled to supply the system.	\$20,506
	6	P	450	SOUTH FORK SCHOOL WATER SYSTEM	1502260 01	Connect to another system with acceptable water quality or drill a new well	\$300,000
	6	P	300	San Antonio Elementary School	2700727 01	Drill new well and install filter system.	\$25,000
	6	P	240	ISLAND UNION SCHOOL	1600017 01	REPLACE UNADEQUATE POWER PANEL, DRILL NEW WELL, REPLACE EXISTING DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$50,000
	6	P	200	So Trinity Unified School Dist.	5305107 02	Design and construction of corrosion control treatment system to mitigate excessive copper.	\$6,750
	6	P	130	ROUND VALLEY SCHOOL	1400019 01	Study to determine cause of problem	\$5,000
	6	P	125	PIUTE MOUNTAIN SCHOOL WATER	1502607 01	DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$50,000
	6	P	100	Butteville Union School	4700559 01	Installed limestone contactor to reduce corrosion of distribution system. Plan to replace all drinking fountains within the classrooms (4) with lead-free faucets.	\$3,000
	6	P	25	FULL CIRCLE PROGRAMS, INC.	2100575 02	Install Hydrotech 100 gpd TFC Reverse Osmosis System with Pre-Filters and Post Filters, Storage tank.	\$5,000
	6	N	200	OASIS SCHOOL - COACHELLA	3301152 01	Segregate the irrigation water lines from the domestic lines to reduce the flow of water used for domestic purposes. Also, hire an engineer to monitor on a regular basis the water flow. Continue to maintain the system by sanitizing and changing filter	\$100,000

**Total of project(s) in Bond Law Category B= 471 projects**

**Total Cost for Projects in Category B:**

**\$713,251,193**

C	7	C	1.6E+07	METROPOLITAN WATER DIST. OF SO. CAL	1910087 01	Design and install a floating cover upon completion of the liner system.	\$10,000,000
	7	C	374600	Sacramento, City of	3410020 08	Expose concrete roof; place waterproofing membrane on concrete, then rebury roof.	\$250,000
	7	C	231363	Helix WD	3710010 01	Installation of 20,000' of 42", 8,900' of 24", and 12,700' of 16" pressure mains to eliminate potential for infiltration and contamination.	\$22,400,000
	7	C	225000	Contra Costa Water District	0710003 19	Construct a 7300 foot of 24-inch diameter pipeline extending from the 24 inch main.	\$2,752,000
	7	C	165000	CASTAIC LAKE WATER AGENCY	1910048 02	CONSTRUCT NEW CLEARWELLS. THE DESIGN OF THE EXISTING CLEARWELLS WAS SPECIFIC FOR FLOATING COVERS, SO THESE STRUCTURES CANNOT BE MODIFIED TO ACCEPT RIGID COVERS.	\$20,000,000
	7	C	110000	Escondido - City of	3710006 04	Design and construct pressurized pipeline replacement.	\$500,000
	7	C	93932	SANTA BARBARA WATER DEPARTMENT	4210010 01	Study, design and construct best alternative to eliminate open distribution reservoir.	\$12,000,000
	7	C	90100	Vista I.D.	3710027 01	Permanent replacement of Vista Flume with pressure pipeline. See Attachment 2 and 3.	\$14,430,000
	7	C	70500	Napa, City of	2810003 02	Construct new 5 MG treated water storage reservoir at the site of the old 30 MG reservoir.	\$3,700,000
	7	C	69300	REDLANDS CITY MUD-WATER DIV	3610037 02	Construct facilities to maintain constant head in the line	\$500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	7	C	68500	City of Newport Beach	3010023 01	Big Canyon Reservoir is an uncovered reservoir.	\$5,000,000
	7	C	45000	West Sacramento, City of	5710003 01	Add a rigid cover to the clearwell and keep the floating cover, too.	\$325,000
	7	C	45000	West Sacramento, City of	5710003 05	Add a rigid cover to the clear well and keep the floating cover.	\$500,000
	7	C	39000	Vallecitos WD	3710002 01	Please see attached	\$28,083,000
	7	C	26000	Paradise Irrigation District	0410007 01	Remove "B" reservoir and install new 10 MG reservoir.	\$3,700,000
	7	C	24500	BANNING, CITY OF	3310006 01	Replace the entire 16,000 L.F. of 18" and 20" with a new 20" C.M.L.C. pipe.	\$2,000,000
	7	C	19048	Rainbow MWD	3710016 01	Add light weight aluminum roof or hypalon cover. NOTE: only 2,000,000 for HYPALON cover.	\$13,000,000
	7	C	19048	Rainbow MWD	3710016 02	Replace with a 5 MG steel tank, add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: steel tank/ \$3M, micro plant/\$4.5M, HYPALON/\$0.3M, roof/\$1.5M	\$4,500,000
	7	C	19048	Rainbow MWD	3710016 03	Add aluminum roof, add hypalon cover, or convert to raw water impoundment and add microfiltration. NOTE: micro plant/\$8.9M, HYPALON/\$0.5M, roof/\$3.2M	\$8,900,000
	7	C	19048	Rainbow MWD	3710016 04	Add hypalon cover, or convert to raw water impoundment and add 10.5 MGD microfiltration. NOTE: micro plant/\$13.3M, HYPALON/\$2.6M	\$13,300,000
	7	C	16500	CARPINTERIA VALLEY WATER DISTRICT	4210001 01	Cover the existing reservoir or construct a filtration treatment plant to retreat the water supply.	\$3,000,000
	7	C	11500	Placer CWA - Auburn/Bowman	3110005 02	Design and construct steel or concrete 10 mg reservoir.	\$2,800,000
	7	C	11100	MONTECITO WATER DIST	4210007 02	Construct piping around existing reservoir to provide inlet at back of reservoir, promote circulation of water in reservoir.	\$150,000
	7	C	11100	MONTECITO WATER DIST	4210007 04	Cover the open distribution reservoir.	\$5,000,000
	7	C	10740	El Dorado ID - Main	0910001 11	Replace floating cover with a rigid cover and adequate bypass. Design and construction is involved.	\$1,700,000
	7	C	10740	El Dorado ID - Main	0910001 12	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	\$600,000
	7	C	10740	El Dorado ID - Main	0910001 14	Replace floating cover with a rigid cover. Involves design and construction.	\$2,800,000
	7	C	10740	El Dorado ID - Main	0910001 15	Replace floating cover with rigid cover and an adequate bypass. Involves design and construction.	\$800,000
	7	C	10740	El Dorado ID - Main	0910001 16	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	\$800,000
	7	C	10740	El Dorado ID - Main	0910001 17	Replace floating cover with a rigid cover and an adequate bypass. Involves design and construction.	\$1,700,000
	7	C	10740	El Dorado ID - Main	0910001 13	Replace floating cover with rigid cover. Involves design and construction.	\$2,300,000
	7	C	9920	Nevada ID - Loma Rica	2910006 08	Replace liner and floating cover. Involves design and construction.	\$260,000
	7	C	7500	Placerville, City of - Main	0910003 01	Construction of a rigid structure cover or installation of a tank.	\$225,000
	7	C	7500	Placerville, City of - Main	0910003 02	Construction of a rigid structure cover or installation of a tank.	\$325,000
	7	C	7500	Placerville, City of - Main	0910003 04	Install water tank as replacement.	\$462,000
	7	C	6400	Imperial - City of	1310006 01	Demolish and remove existing corroded reservoir and construct new 2 MG reservoir and provide coordination with existing 2 MG remote reservoir.	\$1,800,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
C	7	C	3200	Meadow Vista County Water Dist	3110009	02	Replace two (2) 2mg reservoirs with welded steel tanks.	\$2,259,000
	7	C	2844	Angels, City of	0510003	01	CONSTRUCT STEEL TANK TO REPLACE OPEN CLEARWELL. OTHER = DESIGN AND CONSTRUCTION.	\$752,945
	7	C	1650	KINNELOA IRRIGATION DIST.	1910035	02	Replace and realign damaged line to restore delivery of a potable water source.	\$130,000
	7	C	1600	McCloud C.S.D.	4710006	01	Construct a cover over the 1.25 million gallon storage tank so it can be used continuously.	\$1,000,000
	7	C	1600	McCloud C.S.D.	4710006	02	Construct new pipe line and seal spring.	\$2,406,842
	7	C	1300	CAL DOMESTIC WATER CO.	1910199	01	INCREASE PSI BY CONSTRUCTING NEW STEEL RESERVOIR AT 318' AND REPLACING APPROX. 10,000' OF 48" PIPELINE THAT ARE UNABLE TO CARRY ANY ADDITIONAL PSI.	\$4,750,000
	7	C	950	Leavitt Lake CSD	1810004	01	The District would like to put in an above ground storage tank of approximately 300,000 gallons capacity.	\$250,000
	7	C	547	YUIMA MUNICIPAL IDA	3700938	01	Install flating polypropylene covers.	\$194,400
	7	C	500	PLEASANTIMES MUTUAL WATER CO	0707576	01	4" minimum and add another well. 7,000 L.F.	\$85,000
	7	C	490	San Lucas County Water System	2701676	05	Design and engineer a pressure system.	\$16,500
	7	C	400	MERCED ADULT CORRECTIONAL FACILITY	2400172	01	CONSTRUCT A NEW 100,000 GALLON BOLTED STEEK TANK AND INSTALL AN AUTOMATIC CHLORINATOR.	\$100,000
	7	C	350	PAUMA VALLEY MUTUAL WATER CO.	3700934	01	We have installed walls and booster pumps nad need tanks.	\$600,000
	7	C	300	Sorsoli Water Company	3200510	01	Water storage tank, mainline replacement with valves and fire hydrants.	\$600,000
	7	C	300	El Sobrante MWC	0001406	01	See attached.	\$1,000,000
	7	C	300	Madden Creek Water Company	3110043	01	Install new steel tank.	\$47,500
	7	C	180	COUNTY SERVICE AREA 7	4100509	02	Replace old undersized water mains. Relocate the section of mains that are crossing the creek to prevent fires.	\$1,600,000
	7	C	175	BENZENBERG PHILLIP G H	5400550	01	REPLACEMENT OF THE ENTIRE PLUMBING SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$300,000
	7	C	150	MESCAL CREEK WATER INC.	1900147	04	INSTALL CLOSED STORAGE TANKS.	\$550,000
	7	C	120	AUBURN VALLEY COUNTRY CLUB	3100011	02	Replace cover. Involves design and construction.	\$40,000
	7	C	89	Arastradero Mutual Water Company	4300804	01	Replace existing 2" lines with 6" at source.	\$300,000
	7	C	75	DARWIN COMMUNITY	1400098	03	Replace transmission line	\$1,000,000
	7	C	75	LITTLE BALDY WATER CO.	1900158	02	EXPOSE OLD LINE, REPLACE WITH NEW 6 INCH PVC SCHEDULE 90 PIPE, AND REFILL TRENCH.	\$1,050,000
	8	C	1.6E+07	METROPOLITAN WATER DIST. OF SO. CAL	1910087	02	Design and install ozonation facilities at Jensen and Mills treatment plants.	200,000,000
	8	C	1600000	Santa Clara Valley Water District	4310027	05	Replace filter media and install washwater clarification processes at all 3 treatment plants. Install new filter-to-waste process at Rinconada plant.	\$31,000,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	1200000	East Bay MUD	0110005 10	Treat reclaimed supernatant. Evaluate the recycle streams including those with potential to be recycled to the headworks of a plant. Ensure that treatment would include construction of identified improvements.	\$7,342,000
	8	C	1200000	East Bay MUD	0110005 11	Reduce contaminants in drinking water with specific focus on the Disinfection By-Product and Cryptosporidium.	\$7,250,000
	8	C	1177400	San Diego - City of	3710020 03	Upgrade the plant to meet demand and expand the plant to increase the capacity to 60 MGD.	\$12,000,000
	8	C	1177400	San Diego - City of	3710020 11	Alvarado water filtration plant expansion and rehabilitation project: reservoir demolition.	\$7,000,000
	8	C	1177400	San Diego - City of	3710020 32	This project would provide for design of the necessary major rehabilitation work.	\$9,000,000
	8	C	1177400	San Diego - City of	3710020 37	Reline Plant influent pipeline and rehabiliation intake tower at Lower Otay Lake.	\$1,900,000
	8	C	1177400	San Diego - City of	3710020 44	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Reservoirs.	\$30,000,000
	8	C	1177400	San Diego - City of	3710020 45	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Filter valve replacement.	\$4,000,000
	8	C	1177400	San Diego - City of	3710020 14	Alvarado water filtration plant expansion and rehabilitation project: water filter replacement.	\$35,000,000
	8	C	1177400	San Diego - City of	3710020 15	Alvarado water filtration plant expansion and rehabilitation project: sedimentation basins.	\$32,100,000
	8	C	1177400	San Diego - City of	3710020 28	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Ozone Improvements.	\$13,100,000
	8	C	1177400	San Diego - City of	3710020 49	Construction of clear well.	\$13,140,000
	8	C	1177400	San Diego - City of	3710020 33	This project would provide for the construction of new flocculation/sedimentation basins because of inadequate capacity and water quality of the treatment plant.	\$22,000,000
	8	C	1177400	San Diego - City of	3710020 30	This project would provide for the construction of new ozone facilities which would help increase the capacity and water quality of the treatment plant.	\$22,000,000
	8	C	1177400	San Diego - City of	3710020 31	This project would provide for the construction of new yard piping which would help increase capacity of the treatment plant	\$22,000,000
	8	C	1177400	San Diego - City of	3710020 35	This project would provide for the construction of new filter beds which would help increase the capacity and water quality of the treament plant.	\$22,000,000
	8	C	944000	San Jose Water Company	4310011 02	Replace electro-mechanical filter controls with a programmable logic control system.	\$250,000
	8	C	944000	San Jose Water Company	4310011 06	Design and construct additional handling facilities with enhanced solids separation.	\$1,000,000
	8	C	944000	San Jose Water Company	4310011 07	Design and construct filter-to-waste facilities, including storage and recovery of wasted filter effluent.	\$5,000,000
	8	C	750000	SF Public Utilities Commission	3810001 49	Study, design, and construct the preferred alternative for sludge handling. The filter-to-waste piping and ancillary facilities.	\$10,289,000
	8	C	750000	SF Public Utilities Commission	3810001 61	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected stage 1 DBP regulation.	\$6,560,000
	8	C	750000	SF Public Utilities Commission	3810001 73	Design and construct ozone facilities for the Hetch Hetchy supply.	\$1,205,000
	8	C	750000	SF Public Utilities Commission	3810001 53	Design and construct ozone facilities for the Hetch Hetchy supply.	\$5,400,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	750000	SF Public Utilities Commission	3810001 60	Design and construct improvements to the filters, basing, chemical feed and backwash systems to achieve compliance with the projected Stage 1 DBP regulations and the Crypto Action Plan.	\$20,300,000
	8	C	500000	Sonoma County Water Agency	4910020 01	Design and construct two advanced disinfection (ozone treatment) facilities.	\$12,000,000
	8	C	374600	Sacramento, City of	3410020 09	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	\$3,000,000
	8	C	374600	Sacramento, City of	3410020 10	Provide filter-to-waste facilities. Involves design and construction.	\$1,000,000
	8	C	374600	Sacramento, City of	3410020 11	Remove the radial gate and replace with a series of stepped weirs to reduce turbulence. Involves design and construction.	\$150,000
	8	C	374600	Sacramento, City of	3410020 17	Replace the existing troughs with new troughs specifically designed for present-day standards. Involves design and construction.	\$500,000
	8	C	374600	Sacramento, City of	3410020 18	Provide a flocculation/sedimentation process to remove solids prior to recycle. Involves design and construction.	\$3,000,000
	8	C	374600	Sacramento, City of	3410020 19	Provide filter-to-waste facilities. Involves design and construction.	\$1,000,000
	8	C	374600	Sacramento, City of	3410020 20	Replace the existing flocculators with new vertical shaft flocs. Involves design and construction.	\$1,000,000
	8	C	374600	Sacramento, City of	3410020 21	Remove the existing concrete finger launders, install an end-wall weir, and extend the existing chain and flight sludge collection system. Involves design and construction.	\$2,000,000
	8	C	250000	Stockton East Water District	3910006 04	CONSTRUCT ADDITIONAL 2 MG SEDIMENTATION BASIN.	\$3,500,000
	8	C	250000	Stockton East Water District	3910006 03	CONSTRUCT NEW 10 MG CLEARWELL TO MEET INCREASING DISINFECTION REQUIREMENTS.	\$4,500,000
	8	C	250000	Stockton East Water District	3910006 02	CONSTRUCT TWO FILTERS TO PERMIT FILTRATION RATES TO MEET REGULATORY LIMITS DURING FILTER MAINTENANCE.	\$1,500,000
	8	C	250000	Stockton East Water District	3910006 01	BUILD 15 ACRE RAW WATER STORAGE RESERVOIR AND PROVIDE BACKWASH TREATMENT AHEAD OF RECYCLE.	\$1,000,000
	8	C	225000	Contra Costa Water District	0710003 01	PLANT UPGRADE INCORPORATING INTERMEDIATE OZONE AND OTHER IMPROVEMENTS.	\$15,000,000
	8	C	225000	Contra Costa Water District	0710003 02	Design and construct a backwash treatment system for the Bollman water treatment plant.	\$3,000,000
	8	C	225000	Contra Costa Water District	0710003 18	Improvements in the sedimentation and filtration processes. The improvements include; new sedimentation basin, Seismic retrofit, filter media reconfiguration	\$6,500,000
	8	C	177961	Marin Municipal Water District	2110002 05	Construct a backwash water treatment system.	\$380,000
	8	C	130308	City of Vallejo	4810007 01	Lengthening of the east and west sedimentation basins, refurbishing of the existing filters, installation of ammonia equipment, installation of a new ozonation facility and the construction of a new chlorine contact chamber.	\$34,056,000
	8	C	129700	THREE VALLEYS MWD	1910041 02	INSTALL A SYSTEM TO DISCHARGE BACKWASH WATER INTO STORM DRAIN OR INSTALL A UV DISINFECTION SYSTEM.	\$250,000
	8	C	125000	Desert Water Agency	3310005 01	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	\$6,200,000
	8	C	125000	Desert Water Agency	3310005 02	Design and construction of chemical addition, coagulation, flocculation, sedimentation, filtration, and disinfection surface water treatment facilities and appurtenances.	\$1,700,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	110000	Escondido - City of	3710006 03	Design and construct/repair portions of canal with greatest exposure risk.	\$5,000,000
	8	C	105000	VENTURA WATER DEPARTMENT	5610017 01	Modify the TP to meet enhanced Surface Water Treatment Rule and Best Available Treatment Technologies.	\$12,000,000
	8	C	100000	AZUSA LIGHT AND WATER	1910008 01	Design and construct sedimentation basins to meet optimization goals of 1 to 2 N.T.U. Purchase monitoring equipment.	\$500,000
	8	C	90000	KERN COUNTY WATER AGENCY	1510040 02	5 MG. PRESTRESSED CONCRETE FLOW THROUGH RESERVOIR	\$3,000,000
	8	C	90000	KERN COUNTY WATER AGENCY	1510040 03	REFURBISH 6.1 MG CLEAR WATER WELLS WHICH HAVE BEEN IN SERVICE FOR OVER 20 YEARS.	\$2,000,000
	8	C	74000	GOLETA WATER DISRICT	4210004 11	Design and construct piping for filter to waste.	\$60,000
	8	C	69300	REDLANDS CITY MUD-WATER DIV	3610037 03	Design and construct conventional coagulation basins	\$4,000,000
	8	C	66000	Elsinore Valley MWD	3310012 04	See attached sheet	\$100,000
	8	C	55000	North Marin Water District	2110003 02	Rehabilitation and reconstruction	\$4,000,000
	8	C	46500	Tracy, City of	3910011 01	INSTALL OZONE SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	\$4,000,000
	8	C	46500	Tracy, City of	3910011 02	CONNECT TO CALIFORNIA AQUEDUCT. OTHER = STUDY, DESIGN AND CONSTRUCTION.	\$3,000,000
	8	C	42500	SAN LUIS OBISPO WATER DEPARTMENT	4010009 01	Construct additional sedimentation basin at existing water treatment plant	\$2,000,000
	8	C	41840	Southern CA Water Co - Cordova Wate	3410015 05	Install four variable speed flocculators, redesign the flocculation area, and install a static mixer for rapid mixing.	\$370,000
	8	C	37670	North Coast County Water Dist	4110025 05	Add second contact clarifier and ozonation system.	\$1,000,000
	8	C	34000	Ramona MWD	3710019 01	Design and construct new pump station, Treatment Plant, and pipelines. Repair and replace tanks.	\$8,000,000
	8	C	30500	Placer CWA - Foothill	3110025 01	Upgrade flocculation, extend floc basin and replace paddles. Install automatic sludge handling equipment and replace tube settlers. Involves study, design and construction.	\$2,600,000
	8	C	30500	Placer CWA - Foothill	3110025 03	Enlarge backwash ponds, improve sludge removal. Involves study, design and construction.	\$1,300,000
	8	C	30500	Placer CWA - Foothill	3110025 02	Design and construct one additional filter. Also involves study.	\$550,000
	8	C	30500	Placer CWA - Foothill	3110025 04	Design and construct filter.	\$550,000
	8	C	26800	City of Benicia	4810001 04	Construct backwash water treatment system, including increasing capacity of washwater recovery basins, adding return pumps, a basin overflow, clarifier, and diversion structure.	\$450,000
	8	C	24000	Calexico - City of	1310002 01	See Attached Exhibit B. (HYA Consulting Engineers preliminary design report)	\$6,400,000
	8	C	14000	Bay Point-Southern California Water	0710002 02	Repack pressure filters media and replacement of all the internal spry nozzles at the Hill Street Plant.	\$75,000
	8	C	11500	Placer CWA - Auburn/Bowman	3110005 04	Upgrade coagulation point, floc by extending basins and replacing paddles and install auto sludge handling equipment. Replace tube settlers. Involves refinancing, study, design and construction.	\$2,400,000
	8	C	11500	Placer CWA - Auburn/Bowman	3110005 03	Study, design and construct larger backwash facilities.	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	11000	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 02	ADD A 4TH FILTER, FLOW CONTROL VALVE AND CLARIFIER, AND CONVERT FROM GAS CHLORINATION TO HYPOCHLORINATION.	\$282,000
	8	C	10740	El Dorado ID - Main	0910001 18	Construct additional filter unit to satisfy system demands with reduced loading rates. Involves design and construction.	\$1,950,000
	8	C	9920	Nevada ID - Loma Rica	2910006 01	Add flash mix equipment and add baffles in the flocculation basin. Involves design and construction.	\$110,000
	8	C	9500	Cal-Water Service Co.-Oroville	0410005 01	Treatment plant upgrades: particle counter, liquid alum feeder/mixer, current monitor, SCADA system and gaseous chorine containment.	\$220,000
	8	C	9500	Thermalito Irrigation District	0410008 02	Purchase and install clarifyer to direct filtration plant.	\$800,000
	8	C	8000	ACWA Buckhorn Plant	0310012 03	DIVERT WATER BY GRAVITY AT A HIGHER ELEVATION TO SAVE PUMPING AND TO ASSURE CONSISTENTLY GOOD RAW WATER QUALITY. OTHER = DESIGN AND CONSTRUCTION	\$2,250,000
	8	C	6900	LAKE ARROWHEAD CSD	3610005 01	Reconstruct Cedar Glen Treatment Plant, undersized main and transmission facilities in accordance with new master plan	\$10,000,000
	8	C	6549	California Cities Water Company	1710002 03	Install sludge meter and vault.	\$20,000
	8	C	6549	California Cities Water Company	1710002 04	Install a variable speed drive on each flocculate.	\$10,000
	8	C	6546	AVENAL, CITY OF	1610002 01	RELOCATE THE TURNOUT UPSTREAM OF THE EXISTING CHECK STRUCTURE. OTHER - DESIGN AND CONSTRUCTION	\$990,000
	8	C	5669	HURON, CITY OF	1010044 01	INSTALLATION OF CLARIFIERS TO REDUCE DOWN TIME AND INCREASE THE PRODUCTION OF THE EXISTING PLANTS.	\$500,000
	8	C	5160	GOLDEN HILLS CSD	1510045 03	PAY OFF CURRENT LOAN; REFURBISH WATER TREATMENT PLANT. OTHER - DESIGN AND CONSTRUCTION	\$1,750,000
	8	C	5000	MAMMOTH CWD	2610001 01	Construct additional filtration facilities	\$1,000,000
	8	C	4800	Calistoga, City of	2810002 01	Install new flash mixing units with sufficient mixing detention time before clarifier.	\$100,000
	8	C	4800	Calistoga, City of	2810002 02	Install turbidity monitoring units on backwash water, rinse to waste water and backwash recycle water with alarms to ensure proper water quality.	\$10,000
	8	C	3700	Weaverville C.S.D.	5310001 01	Upgrade the existing clarifier system.	\$50,000
	8	C	3700	Weaverville C.S.D.	5310001 03	The project would construct a clarifier and facilities for pre chlorination and coagulation.	\$125,000
	8	C	3600	Amador County Water Agency-Sutter Creek	0310003 03	REPLACE CANAL WITH PIPELINE OTHER = DESIGN AND CONSTRUCTION	\$6,000,000
	8	C	3000	Nice Mutual Water Company	1710008 05	Evaluate plant condition, recommend improvements and construct improvements.	\$500,000
	8	C	2910	Placer CWA - Colfax	3110006 01	Enlarge backwash basin. Involves study, design and construction.	\$250,000
	8	C	2844	Angels, City of	0510003 02	INSTALL ADDITIONAL FILTER.	\$381,257
	8	C	2700	LAKE DON PEDRO C S D	5510008 02	CONNECT THE THREE SMALL SYSTEMS TO THE LAKE DON PEDRO CSD, INSTALL A DEEP WATER INTAKE AND EXPAND THE LAKE DON PEDRO PLANT.	\$2,228,199
	8	C	2700	LAKE DON PEDRO C S D	5510008 03	INSTALL A FLOCCULATION/SEDIMENTATION BASIN.	\$180,000
	8	C	2600	Idyllwild WD	3310019 08	Improve surface wash and filtration system and add appropriate control systems.	\$200,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	2500	MARIPOSA PUBLIC UTILITY DIST	2210001 03	UPGRADE ORT REPLACE TREATMENT UNIT PROCESSES.	\$1,100,000
	8	C	2455	SCWC-Calipatria	1310003 01	Upgrade treatment plant with pressure contact clarifiers, 1.5 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	\$4,634,000
	8	C	2000	Indian Valley CSD-Greenville	0000265 01	Add additional filter and rehabilitate water system.	\$1,002,650
	8	C	2000	Bidwell Water Company, Inc.	3210001 02	Consider pre-treatment, clarifiers, additional filters, or new treatment plant.	\$75,000
	8	C	1845	San Joaquin County - Colonial Heigh	3910002 01	DRILL NEW WELLS. OTHER = DESIGN AND CONSTRUCTION	\$900,000
	8	C	1568	City of Montague	4710007 02	Installation of ozonation facilities.	\$200,000
	8	C	1500	Graeagle Water Company	3210005 01	Construct a new 700,000 gallon storage tank.	\$250,000
	8	C	1400	Garberville Water Co.	1210008 01	May need a clarifier or additional filter.	\$100,000
	8	C	1330	SCWC Niland	1310012 01	Upgrade treatment plant with pressure contact clarifiers, 0.6 MG of storage, and chemical feed and control enhancements. See feasibility study by Kennedy/Jenks Consultants. Replace undersized mains.	\$2,530,000
	8	C	1200	Cuesta La Honda Guild, Inc.	4110012 01	Repalce filtration and related plumbing, infrastructure. Add a second storage tank.	\$350,000
	8	C	993	Jensen Water Company	3310041 01	Implement crypto action plan	\$50,000
	8	C	750	Weimar Water Company	3110035 01	Upgrade water treatment plant to meet future regulations. Study/design/construction involved.	\$200,000
	8	C	650	City of Trinidad	1210018 01	Construct a clarifier and make other system improvements.	\$100,000
	8	C	620	TUD-Scenic View/Scenic Brook	5510033 04	CONSTRUCT A PIPELINE TO REPLACE THE OPEN DITCH FROM THE SHAWS FLAT PIPELINE TO PHOENIX ROAD.	\$147,000
	8	C	600	Rolling Green Utilities, Inc.	1400010 01	Purchase and install on-site chlorine generators	\$7,500
	8	C	600	WESTSIDE SCHOOL	1000290 01	INSTALL NEW FILTER SYSTEM.	\$50,000
	8	C	540	Deer Creek Park Association	2910009 01	Consolidate with Banner System via new pump stations, water mains and storage. Involves design and construction.	\$2,500,000
	8	C	500	Resort Improvement Dist. No.1	1210022 05	Engineering planning.	\$20,800
	8	C	500	Resort Improvement Dist. No.1	1210022 06	Develop plan and specifications and complete construction.	\$935,000
	8	C	490	Pine Mountain Mutual Water Co.	2300591 01	Dig a backwash pond system with sufficient detention time.	\$11,000
	8	C	485	Westhaven C.S.D.	1210024 02	Roughing filter.	\$35,000
	8	C	308	JUNE LAKE PUD VILLAGE	2610002 01	Construct projects per above	\$1,000,000
	8	C	307	JUNE LAKE P.U.D.-DOWN CANYON	2610004 01	Install polymer feed system	\$15,000
	8	C	264	Castle City Mobile Home Park	3110033 01	Build separate flocculation basin and install automatic backwash system.	\$50,000
	8	C	250	COIT GINNING COMPANY	1009131 01	REPLACE THE STORAGE TANKS WITH BAFFLED TANKS AND UPGRADE THE PLANT.	\$30,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	8	C	230	Camanche South Shore-EBMUD	0510012 01	NEW REGIONAL SURFACE WATER TREATMENT PLANT ON CAMANCHE SOUTH SHORE WITH PIPELINE EXTENDING SERVICE TO CAMANCHE NORTH SHORE AND CAMANCHE VILLAGE. OTHER = DESIGN AND CONSTRUCTION	\$6,000,000
	8	C	230	Camanche South Shore-EBMUD	0510012 02	CONSTRUCT NE W PLANT TO COMPLY WITH CAP REQUIREMENTS.	\$2,800,000
	8	C	205	O'NEILL CATTLE FEEDING COMPANY	1009026 01	INSTALL PRESSURE CLARIFIER ON SYSTEM, ADD TWO NEW 42" DIAMETER DUAL MEDIA PRESSURE FILTERS. INSTALL NEW PRESSURE TANK AND TWO NEW 20,000 GAL. GALVANIZED STORAGE TANKS. PREPARE DISTRIBUTION SYSTEM OPERATIONS PLAN. OTHER - DESIGN AND CONSTRUCTION.	\$98,000
	8	C	200	BIG HILL WATER CO-MONTE GRANDE	5510030 01	CONSOLIDATE WITH TUD'S WILLOW SPRINGS SYSTEM VIA PIPELINE/PUMP STATION.	\$476,000
	8	C	196	TWAIN HARTE VALLEY MWC	5500080 01	INSTALL A CLARIFIER TO PROVIDE PROPER PRETREATMENT.	\$84,000
	8	C	130	FRESNO COUNTY SERVICE AREA 30	1000019 01	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	\$200,000
	8	C	77	O.W.I.D.-Bangor	0410012 01	Construct new 60,000 gallon storage tank or 25 KW generator.	\$30,000
	8	C	50	Lake Perris SRA	3310302 03	Complete installation of SCADA which includes electrical, monitor transmitters, alarm systems, etc. necessary to satisfy DHS requirements.	\$38,000
	8	C	50	Lake Perris SRA	3310302 01	Install two aerators/water ciculators. One at Moreno and Perris Beach. Ideally, aerator motor should be on dry land with submersed exhaust tube (s) placed in strategic locations in swim beach. Lake level fluctuation will need to be design consider	\$180,000
	8	C	30	FELGER FARMS	1009215 01	CONSTRUCT NEW SURFACE WATER TREATMENT FACILITIES.	\$18,500
	8	C	0	LOPEZ PROJECT	4010022 03	Study, develop, construct an engineered solution to remedy problem	\$150,000
	8	P	120	CANTUA CREEK RELOCATION	1000359 02	CONSTRUCT A BACKUP WELL TO PROVIDE DOMESTIC WATER DURING PERIODS THAT THE SURFACE WATER SUPPLY FROM WESTLANDS IS INTERRUPTED.	\$214,350
	8	P	100	Junction City School	5304209 01	Replacement of filter media.	\$1,500
	8	N	150	Fouts Springs Boy's Ranch	0600041 01	Replace existing raw water storage tank and piping. Add 50,000 gallon clearwell tank.	\$224,000
	9	C	225000	Contra Costa Water District	0710003 16	Continue study to determine the best approach to reduce the impacts of the discharge. Construction of a diffuser, extending the discharge pipe. Controlling the timing of drainage discharge.	\$7,000,000
	9	C	225000	Contra Costa Water District	0710003 17	Construct a separate swimming lagoon to Comply with DOHS Order.	\$2,000,000
	9	C	225000	Contra Costa Water District	0710003 20	Drainage diversion, reversal of groundwater flow.	\$1,500,000
	9	C	177961	Marin Municipal Water District	2110002 04	To erect continous barbed wired fence around the reservoir.	\$620,000
	9	C	159409	SCWC - SOUTHWEST	1910155 10	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	\$1,100,000
	9	C	159409	SCWC - SOUTHWEST	1910155 11	DRILL A NEW WELL AT A DIFFERENT SITE	\$1,100,000
	9	C	159409	SCWC - SOUTHWEST	1910155 12	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	\$1,100,000
	9	C	159409	SCWC - SOUTHWEST	1910155 13	DRILL A NEW WELL 50' AWAY FROM SEWER LINES	\$1,100,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	9	C	124400	Moulton Niguel Water District	3010073 07	Relocation of the Aliso Creek sewer to the other side of creek which is protected by a road.	\$2,500,000
	9	C	55000	North Marin Water District	2110003 01	Develop Crypto Control Strategy installation of BMPs, sediment control structures, land/dairy purchase.	\$70,000
	9	C	52100	City of Tustin	3010046 03	Somes wells will need to be abandoned and filled and a new well will need to be constructed near by. Other wells may be rehabilitated by lining the casing or other methods.	\$3,500,000
	9	C	32000	CRESCENTA VALLEY CWD	1910028 02	Design and construct four (4) replacement wells. Rehabilitate four (4) existing wells with new casing liners and gravel pack.	\$1,500,000
	9	C	26000	Paradise Irrigation District	0410007 02	Replace 213,000 feet of pipeline.	\$16,000,000
	9	C	18591	SANGER, CITY OF	1010029 01	Install ~33,000 feet of new water mains.	\$2,000,000
	9	C	13000	City of Eureka	1210004 02	Replace transmission lines.	\$10,000,000
	9	C	11000	MENDOTA-CITY	1010021 01	CONSOLIDATE THE CITY'S TWO SYSTEMS BY CONSTRUCTING A NEW WELL FIELD, INSTALLING WATER TRANSMISSION AND DISTRIBUTION LINES, AND REHABILITATING AND EXPANDING THE EXISTING IRON AND MANGANESE TREATMENT PLANT.	\$5,518,000
	9	C	6000	Sweetwater Springs CWD - Guernevill	4910004 01	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	\$200,000
	9	C	6000	Sweetwater Springs CWD - Guernevill	4910004 02	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	\$2,000,000
	9	C	5800	CAMBRIA COMM SERVICES DIST	4010014 02	Extend casings and sanitary seals of the wells and raise the pump houses to an elevation above the 100 year flood elevation.	\$60,000
	9	C	5000	IVANHOE PUBLIC UTILITY DIST	5410019 01	CONSTRUCT NEW WELL AND REPLACE EXISTING PORTIONS OF THE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$868,000
	9	C	4000	Sweetwater Springs CWD - Monte Rio	4910028 01	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	\$250,000
	9	C	4000	Sweetwater Springs CWD - Monte Rio	4910028 02	Install and replace transmission and distribution system to prevent contamination and to improve water pressure. Install and upgrade water storage facilities.	\$3,700,000
	9	C	3450	Mather AFB - Wherry Housing Area	3410704 06	Design and construct new well to replace well.	\$250,000
	9	C	2660	Sierra Lakes County Water Dist	3110017 01	Completion of existing standby deep well.	\$35,000
	9	C	2500	STRATHMORE PUBLIC UTIL DIST	5410012 02	REPLACE OLD LINES WITH NEW PIPE AND INSTALL THEM WITH PROPER SEPERATION FROM SEWERS.	\$433,000
	9	C	1875	Swan Lake Mobile Home Park	3301654 01	Remove the existing septic system and install new sewer system to connect to the SAWPA sewer system; and divide the drinking water from the irrigation water system.	\$7,000,000
	9	C	1780	LAND PROJECT MUTUAL WATER CO.	1910246 01	Design and construction of replacement pipelines and a storage tank.	\$600,000
	9	C	1300	Rio Alto Water District	5210005 01	Construct new municipal well within upper zone of District's distribution system.	\$200,000
	9	C	700	Camp Meeker Water Systems, Inc.	4910001 01	Complete construction of the water distribution system and refinance the 1996 project.	\$4,100,000
	9	C	665	EASTWOOD FARMS CWU	3600100 01	Construct temporary intertie with East Valley Water District while company makes system improvements	\$15,763



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	9	C	550	Clear Creek CSD	1800512 02	Improve spring source	\$50,000
	9	C	450	The Oaks Community Association (Mobile Home Park)	0310020 01	Pipe treated water from the Amador Water Agency's Mokelumne River source to provide acceptable water to this community. AWA has submitted the application to at least be a wholesupplier of quality water for the benefit of the Oaks.	\$2,000,000
	9	C	420	City of Tehama	5200504 01	Install automatic standby generator.	\$35,000
	9	C	300	Diamond Park Mutual Water Co.	3000663 01	Replace all lines and valves. Purchase & install additional storage tank.	\$150,000
	9	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 03	REPLACE OLD PIPES.	\$100,000
	9	C	200	STANDARD PARK WATER SYSTEM	5500273 01	CONNECT TO AN EXISTING PUBLIC WATER SYSTEM.	\$59,625
	9	C	80	River Inn MHP	5200531 01	Re-work well head to seal holes and provide casing vent.	\$0
	9	C	70	Harbor View Water Association	2701498 01	Drill new well and/or install holding tanks (three 5000 gallon tanks).	\$20,000
	9	C	50	AVENUE E TRAILER PARK	1900785 01	REPLACING COMPLETE WATER SYSTEM, VALVES, ADDITIONAL 5,000 GAL TANK. REMODEL AND UPDATE PUMP HOUSE AND EQUIPMENT.	\$50,000
	9	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 03	Remove the septic tanks and install sewers.	\$100,000
	9	P	47865	GRIFFITH PARK	1907037 03	INSTALL ADEQUATE BACKFLOW PROTECTION, REPAIR TANKS, PIPING, AND PUMPS.	\$11,820,000
	9	P	30	Full Circle Sonoma	4901158 01	Conduct study to determine the cause of the problem, design a system to address the problem and construct a treatment facility to correct it.	\$110,000
	9	P	25	FULL CIRCLE PROGRAMS, INC.	2100575 01	Construct new leach field and drill new well.	\$125,000
	9	N	4000	LAKE AMADOR RECREATION AREA	0300037 01	Pipe treated water from the Amador Water Agency's Mokelumne River source to this water sytem. AWA has applied for funding for a project to bring a quality supply of water to the area and wholesale it to existing PWSs.	\$1,000,000
	10	C	1600000	Santa Clara Valley Water District	4310027 04	Clearwell modifications to increase the disinfection time.	\$1,377,000
	10	C	750000	SF Public Utilities Commission	3810001 64	Design improvements at Tesla Portal and Thomas Shaft (back-up chlorination station) to provide reliable treatment of Hetch Hetchy Water in accordance with SDWA regulations.	\$1,130,000
	10	C	750000	SF Public Utilities Commission	3810001 65	Construct improvements at Tesla Portal and thomas Shaft.	\$9,350,000
	10	C	475000	FRESNO, CITY OF	1010007 04	CONSTRUCTION OF PERMANENT DISINFECTION FACILITIES AT AN ADDITIONAL 50 WELLS.	\$1,500,000
	10	C	192000	GLENDALE-CITY, WATER DEPT.	1910043 01	PROVIDE RELIABLY DISINFECTED WATER	\$500,000
	10	C	130308	City of Vallejo	4810007 02	Replace the facility with an on-site chlorine generation system which uses non-toxic material and produces non-hazardous products.	\$120,000
	10	C	104517	Stockton, City of	3910012 01	INSTALL ON SITE CHLORINATORS AT WELLS	\$750,000
	10	C	100000	DOMINGUEZ WATER CORP	1910033 01	Chlorine generating facilities were purchased and installed to increase overall system residuals.	\$500,000
	10	C	97000	Mesa Consolidated WD	3010004 12	Modification of existing chlorine injection system to a chloramine injection system.	\$2,000,000
	10	C	97000	Mesa Consolidated WD	3010004 33	Install continuous chlorine and ammonia monitoring instruments	\$56,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	10	C	78120	City of Westminster	3010064 07	Replace Well #107 (State Well #5) by drilling a new well to improve our water system pressure volume and help maintain a constant State Mandated chlorine residual for this area.	\$1,000,000
	10	C	78120	City of Westminster	3010064 09	Replace Well #124 (State Well #5) by drilling anew well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	\$1,000,000
	10	C	78120	City of Westminster	3010064 04	Replace Well #22 (State Well #5) by drilling a new well to improve our water system pressure, volume and help maintain a constant State mandated chlorine residual for this area.	\$1,000,000
	10	C	78120	City of Westminster	3010064 02	Replace Well #107(State Well #5) by drilling a new well to improve our water system pressure, volumne and help maintain a constant State mandated chlorine residual for this area.	\$1,000,000
	10	C	66000	Elsinore Valley MWD	3310012 01	See attached sheet	\$500,000
	10	C	58000	City of Pleasanton	0110008 01	Convert Pleasanton's chlorine injection facilities to chloramation.	\$200,000
	10	C	51120	CALIFORNIA WATER SERVICE - LIVERMOR	0110003 02	Install facilities to enable Chloramine disinfection of all system reservoirs (24) and purchase portable Chloramination equipment.	\$980,000
	10	C	45000	San Juan Suburban Water District	3410021 03	Installation of a scrubber is the industry standard for protection against chlorine releases.	\$300,000
	10	C	42000	CUCC - Lincoln Oaks	3410013 09	Install immediate leak alarm annunciation. Involves design and construction.	\$1,000,000
	10	C	33765	CAL. CITIES - ORCUTT	4210016 01	Replace the motor center and provide automatic controls.	\$50,000
	10	C	33765	CAL. CITIES - ORCUTT	4210016 02	Provide controls for the well site.	\$50,000
	10	C	31000	CUCC - Parkway	3410017 02	Install immediate leak alarm annunciation. Involves design and construction.	\$600,000
	10	C	26800	City of Benicia	4810001 02	Replace gaseous chlorination system.	\$275,000
	10	C	26075	CUCC - Suburban	3410010 01	Install immediate leak alarm annunciation. Involves design and construction.	\$850,000
	10	C	21000	Hemet - City of	3310016 01	Unknown - possible nitrogen block - acid cleaning - redrilling.	\$750,000
	10	C	21000	CUCC - Antelope	3410031 03	Install immediate leak alarm annunciation. Involves design and construction.	\$600,000
	10	C	20000	CAL. STATE POLYTECHNIC UNIV.- POMON	1910022 01	INSTALL DDC CONTROLS THAT WILL AUTOMATE THE BLENDING AND CHLORINATION PROCESS.	\$85,000
	10	C	20000	Valley of the Moon Water District	4910013 02	Design and construct on-site chlorination system for 3 wells.	\$150,000
	10	C	18232	CUCC - Rosemont	3410034 02	Install immediate leak alarm annunciation. Involves design and construction.	\$360,000
	10	C	12994	FILLMORE WATER DEPT	5610002 01	Install a SCADA system & paging ability to monitor the system	\$200,000
	10	C	12000	ROSAMOND CSD	1510018 01	CYCLE TESTING FOR SOURCE OF BACTERIOLOGICAL CONTAMINATION. OTHER - DESIGN AND CONSTRUCTION	\$25,000
	10	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046 04	INSTALL AN AUTOMATED ON-SITE OXIDANT GENERATOR OR OTHER RELIABLE DISINFECTION SYSTEM THAT SATISFIES WORKPLACE SAFETY, HAZARDOUS MATERIALS AND AIR QUALITY REQUIREMENTS.	\$81,550
	10	C	8150	Southern Calif WC -Cowan Hgts	3010078 02	Plan to consolidate three systems into one and improve system operations and control. Install chloramination facilities, improve reservoir circulation and install monitoring equipment.	\$350,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	10	C	6380	Nevada ID - Lake Wildwood	2910023 07	Add chlorination equipment. Involves design and construction.	\$25,000
	10	C	5800	CAMBRIA COMM SERVICES DIST	4010014 01	Purchahse monitoring and alarm equipment, cylinder repair kits and the necessary protection equipment for these two sites.	\$20,000
	10	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 03	Conduct a study and determine best way to solve the problem. Implement the most feasible recommendation.	\$11,000
	10	C	4500	DELHI CWD	2410006 01	INSTALL NEW CHLORINATION FACILITIES.	\$200,000
	10	C	3725	CUCC - Arden	3410045 02	Install leak alarm annunciation. Involves design and construction.	\$240,000
	10	C	3100	Borrego Springs WC	3710038 06	Installation of gas chlorinators.	\$65,000
	10	C	1200	Borrego WD	3710036 01	Installation of gas chlorinators at Wells 8, 10, 12, and 16.	\$130,000
	10	C	380	Alpine Springs County Water Distric	3110029 02	Design and construct buildings dedicated solely to house the pumps and provider for safer access.	\$80,000
	10	C	300	KEYS COMMUNITY SERVICES DISTRICT	5010009 01	REPLACE WITH ON SITE CHLORINE GENERATORS. OTHER = DESIGN AND CONSTRUCTION.	\$80,000
	10	C	230	BIG OAK TRAILER COURT	0707588 01	Connect to city water.	\$105,000
	10	C	200	ELKHORN ESTATES	3900724 01	STUDY CAUSE OF COLIFORM CONTAMINATION AND, IF NECESSARY, DRILL A NEW ONE.	\$450,000
	10	C	180	Green Mountain Water Company	4300560 02	Install chlorination system, low pressure staging tank, booster pump, and new control system.	\$17,000
	10	C	150	RIVERKERN MUTUAL WATER COMPANY	1500251 01	UP-GRADE MAINS, CONSTRUCT "LOOP" AND GET RID OF ALL DEADENDS. OTHER - DESIGN AND CONSTRUCTION	\$75,000
	10	C	150	SLEEPY VALLEY WATER CO INC	1900903 01	PROVIDE CHLORINATION, NEW PIPELINES, AND 500,000 GAL RESERVOIR	\$701,200
	10	C	141	RANCHO SAN JOAQUIN	3900558 01	DRILL NEW WELL. INTERCONNECT WELL 1 WITH WELL 2 PRESSURE TANK AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION.	\$500,000
	10	C	130	JOSHUA VIEW TRAILER PARK	1900941 01	INSTALL AN AUTOMATIC CHLORINATION SYSTEM, REPLACE RUSTED PIPES AND PUMP AT WELL, REPAIR WATER STORAGE TANK.	\$19,000
	10	C	100	River Highlands CSD	0200175 01	Installation of an upgraded disinfection system.	\$2,000
	10	C	60	Avalon Apartments	4900889 01	Attach to public water system.	\$21,000
	10	C	35	Corral de Tierra Estates	2700536 03	Install an automated chlorination system and provide for back-up chlorination.	\$1,500
	10	C	30	West Water Company	4900893 01	Storage tank with high service pumps and a disinfection system	\$150,000
	10	C	25	FLORES WATER SYSTEM	1502534 01	CONSTRUCT 1.5 MILES OF PIPE TO CONNECT WATER COMPANY TO CITY OF BAKERSFIELD	\$100,000
	10	C	25	Treasure Creek Woods MWC	5301101 01	Install two 5,000-gallon capacity storage tanks after chlorination to provide contact time.	\$10,000
	10	C	0	UNITED WTR CONS DIST	5610046 01	Add ammonia injection to convert from chlorine to chloramine disinfection.	\$725,000
	10	P	47865	GRIFFITH PARK	1907037 01	INSTALL AUTOMATED CHLORINATION SYSTEM.	\$7,670,000
	10	P	3000	QUARTZ HILL HIGH SCHOOL	1900003 01	INSTALL A CHLORINE INJECTION SYSTEM IN WATER DISTRIBUTION SYSTEM.	\$18,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
C	10	P	400	CAMPS MUNZ AND MENDEN HALL-PROBATIO	1900089 01	INSTALL NEW CHLORINATION SYSTEM	\$280,000
	10	P	350	Willowside School	4901156 01	Install holding tanks and filtration/purification system.	\$25,000
	10	P	300	SAN FRANCISCO YMCA-JONES GULCH	4100538 02	Will develop a system's analysis to identify other options to simplify or change system.	\$20,000
	10	P	250	SEMI TROPIC SCHOOL WATER SYSTEM	1502244 01	TIE INTO ANOTHER SYSTEM FOR DOMESTIC WATER USE AND USE EXISTING WELL FOR LANDSCAPE IRRIGATION. OTHER - DESIGN AND CONSTRUCTION.	\$20,000
	10	P	200	So Trinity Unified School Dist.	5305107 01	Install new flow-paced chlorination system.	\$4,750
	10	P	200	CAMP CISQUITO	1900631 01	ADD AN AUTOMATED CHLORINATION SYSTEM AND MONITORING EQUIPMENTS	\$5,000
	10	P	33	Feather Falls School	0400107 01	Contract with an engineer to analyze the system problems.	\$20,000
	10	N	1407	Cal-Trans Brookside Rest Area	3301083 01	Upgrade system.	\$5,000
	10	N	120	Marconi Conference Center	2110304 01	Replace wood storage tank with 125,000 gallon concrete ground tank. Replace water lines from sprins and well to treatment facility.	\$300,000
	10	N	80	BIG OAKS LODGE	1900992 01	BUILD A 5000 GAL. HOLDING TANK, DEEPEN THE WELL, INSTALL A LARGER PUMP, PRESSURE TANK, AND AN AUTOMATIC CHLORINATION SYSTEM.	\$6,000
	10	N	50	Banning Weigh Station - Caltrans	3301895 01	Install hypochlorinator.	\$5,000
	10	N	26	Whitewater Rest Area	3301082 01	Upgrade system.	\$5,000
	10	N	25	KERN CO P&R - GREENHORN MT. PARK WA	1502317 01	REPLACE 2,000' OF PIPELINE. DRILL A NEW WELL	\$65,000
<b>Total of project(s) in Bond Law Category C= 307 projects</b>							
<b>Total Cost for Projects in Category C:</b>						<b>\$1,104,790,331</b>	
D	11	C	253705	EASTERN MWD	3310009 06	Install wellhead treatment facilities to remove these contaminants and meet standards.	\$1,241,000
	11	C	159409	SCWC - SOUTHWEST	1910155 02	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	\$300,000
	11	C	159409	SCWC - SOUTHWEST	1910155 03	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES FOR MN AND FE REMOVAL	\$300,000
	11	C	159409	SCWC - SOUTHWEST	1910155 04	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT SOUTHERN WELL SITE FOR MN AND FE REMOVAL	\$300,000
	11	C	159409	SCWC - SOUTHWEST	1910155 09	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	\$1,100,000
	11	C	154558	OXNARD WATER DEPT	5610007 01	Iron and manganese removal system	\$2,700,000
	11	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 03	CONSTRUCT A FE AND MN FILTER SYSTEM	\$675,000
	11	C	102000	TORRANCE-CITY, WATER DEPT.	1910213 03	A groundwater treatment facility is proposed that will improve water quality by eliminating odor complaints and by meeting secondary standards for iron and manganese. The proposed facility will also mitigate possible future contamination by the ...	\$7,027,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
D	11	C	98300	City of Santa Clara	4310012 03	Investigate the problem and then do whatever construction is found to be necessary.	\$300,000
	11	C	90460	CAL. WATER SERVICE CO.-HERMOSA/REDO	1910134 01	CONSTRUCT A FE AND MN FILTER SYSTEM	\$1,033,000
	11	C	84737	Southern Calif WC - West Orange	3010022 02	Install pressure filters or other filter facility for Fe and Mn removal.	\$300,000
	11	C	84737	Southern Calif WC - West Orange	3010022 03	Install pressure filters or other filter facility for Fe and Mn removal.	\$300,000
	11	C	84737	Southern Calif WC - West Orange	3010022 04	Install pressure filters or other filter facility for Fe and Mn removal.	\$300,000
	11	C	84737	Southern Calif WC - West Orange	3010022 05	Install pressure filters or other filter facility for Fe and Mn removal.	\$300,000
	11	C	70000	Yorba Linda Water District	3010037 01	Construction and installation of a treatment system consisting of chemical addition reaction filtration and backwashing facilities. Installation of maganese greensand filter treatment packaged and pressure filtration vessels are planned.	\$755,000
	11	C	66000	CITY OF LAKEWOOD	1910239 01	Well #15 must be destroyed and a new well drilled to replace the supply lost. Project involves: Design to solve problem, and Construction	\$1,100,000
	11	C	66000	CITY OF LAKEWOOD	1910239 03	The City plans to design and install a wellhead treatment plant for Wells 11 and 11A for the removal of iron and manganese. Project involves: Design, and Construction	\$774,000
	11	C	56000	City of Palo Alto	4310009 03	Construct a new well on Middlefield Rd. with treatment for iron and manganese.	\$460,000
	11	C	41840	Southern CA Water Co - Cordova Wate	3410015 04	Install a new horizontal pressure filter to remove the manganese to non-detect levels.	\$350,000
	11	C	39000	City of San Bruno	4110023 06	A modular treatment plant was designed for 300 GPM was purchased in 1991 for the use at the Shannon Well, but was never installed before the well was abandoned. This project will construct a shelter large enough to accommodate this plant.	\$370,000
	11	C	38754	CAMARILLO WATER DEPT	5610019 02	Construct Fe & Mn, hydorgen sulfide removal filtration treatment facility for one of the three wells with additional plants proposed in the future.	\$2,867,700
	11	C	38700	Carmichael Water District	3410004 04	Pressure filtration. Involves design and construction.	\$750,000
	11	C	38700	Carmichael Water District	3410004 05	Air stripping and pressure filtration.	\$1,000,000
	11	C	38000	Los Alisos Water District	3010091 01	District plans to conduct engineering studies of its well sites and construct groundwater treatment facilities to reduce the concentration of iron and manganese.	\$1,200,000
	11	C	36000	SCWC - ARTESIA	1910004 01	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	\$300,000
	11	C	36000	SCWC - ARTESIA	1910004 02	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT HAWAIIAN SITE FOR MN AND FE REMOVAL	\$300,000
	11	C	36000	SCWC - ARTESIA	1910004 03	INSTALL PRESSURE FILTER OR OTHER TREATMENT FACILITIES AT CENTRALIA SITE FOR MN AND FE REMOVAL	\$300,000
	11	C	29630	HAWTHORNE-CITY, WATER DEPT.	1910047 01	Reconstruct treatment plant.	\$2,000,000
	11	C	28310	City of Santa Paula	5610011 10	Design & construct iron and manganese removal treatment facility at Well #1B site to treat approx. 1,500 gpm.	\$750,000
	11	C	12994	FILLMORE WATER DEPT	5610002 02	Install a manganese filter.	\$800,000
	11	C	11000	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 03	ADD A 300 GPM IRON AND MANGANESE REMOVAL SYSTEM FOR THE WELL.	\$128,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
D	11	C	9900	Olivehurst PUD	5810003 01	Construct 3MGD well head treatment plant for iron, manganese, hydrogen sulfide, and methane gas removal. Install approximately 3500 feet of 12" water main from new treatment plant to service area.	\$1,000,000
	11	C	8847	CITY OF SIGNAL HILL	1910149 02	Install an Fe and Mn filtration system where water from Wells 7 and 8 are delivered to the finished water reservoir.	\$750,000
	11	C	8460	Florin County Water District	3410033 04	Treatment plant and water storage tanks.	\$0
	11	C	8460	Florin County Water District	3410033 05	Rehabilitation including deepening wells and modification of well structures.	\$0
	11	C	8000	SCWMD - Arden Park Vista	3410002 01	Install wellhead treatment facilities (greensand filters). Involves study, design, and construction.	\$1,300,000
	11	C	8000	SCWMD - Arden Park Vista	3410002 02	Design and construct 1,200 gpm well and iron-manganese treatment facility.	\$750,000
	11	C	8000	SCWMD - Arden Park Vista	3410002 03	Acquire site for replacement well and iron-manganese treatment facility.	\$100,000
	11	C	8000	SCWMD - Arden Park Vista	3410002 04	Acquire site for replacement well and iron-manganese treatment facility.	\$100,000
	11	C	8000	SCWMD - Arden Park Vista	3410002 05	Design and construct 1,200 gpm well and iron-manganese treatment facility.	\$750,000
	11	C	7500	MAYWOOD MUTUAL WATER CO. #1	1910084 01	Design and construct a manganese removal system capable of treating 1,500 gallons per minute. Preliminary design is shown in Attachment 2.	\$760,000
	11	C	6813	SATIVA-L.A. CWD	1910147 01	Treatment to remove iron and manganese from water to provide better tasting water. Replace old existing line to prevent major breakage, and better access to water lines.	\$105,221
	11	C	6000	Sweetwater Springs CWD - Guerneville	4910004 03	Construct iron and manganese treatment plant.	\$850,000
	11	C	5368	FIREBAUGH CITY	1010005 01	INSTALL TWO NEW FILTERS AT EACH PLANT SITE AND CONSTRUCT A BACKWASH WATER RECLAMATION SYSTEM AT EACH PLANT SITE.	\$1,073,500
	11	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 09	Solve the problem by conducting a study to determine the best way to treat the water. Most effective method would likely be a treatment plant.	\$800,000
	11	C	4502	Calif Rehab Center - Norco	3310800 02	Add Mn removal treatment system	\$550,000
	11	C	4500	DELHI CWD	2410006 02	CONSTRUCT A STORAGE TANK WITH A BOOSTER SYSTEM TO STORE AND PUMP TREATED WATER.	\$1,500,000
	11	C	4000	Pajaro/Sunny Mesa Community Srvcs D	2710020 01	Install a treatment plant to eliminate or reduce manganese to an acceptable level.	\$450,000
	11	C	3300	City of Williams	0610004 01	Design green sand filter system to treat water from three wells.	\$30,000
	11	C	3300	City of Williams	0610004 02	Purchase and have installed green sand filters and related equipment.	\$3,000,000
	11	C	3107	City of Rio Dell	1210012 01	Construct a new surface water treatment plant to draw water from the Eel River.	\$1,700,000
	11	C	2626	Trinity Co. W.W. Dist #1	5310002 01	Provide for iron and manganese treatment system. Design and install temperature control devices at raw water reservoir.	\$1,300,000
	11	C	2590	CWS Las Lomas	2710013 01	Design and construct filter system.	\$640,000
	11	C	2500	Central Water District	4410018 01	Construct a new well with better water quality in the vicinity of the other two wells. Plans and specifications on file with the Department of Health Services.	\$275,000
	11	C	2453	RIVERDALE PUBLIC UTILITY DISTRICT	1010028 01	Drill new well and chlorine contact tank	\$270,000
	11	C	2400	VENTURA CWWD NO. 19 - SOMIS	5610015 01	Installation of iron and manganese removal facility per study by Boyle Engineering Corp dated Mrch 1993.	\$620,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
D	11	C	1000	SQUIRREL MOUNTAIN WC	1510044 01	INSTALL IRON AND MANGANESE REMOVAL PLANT. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	11	C	1000	MONO VILLAGE WATER DISTRICT	5510019 01	INSTALL TREATMENT SYSTEMS FOR REMOVAL OF IRON AND MANGANESE.	\$162,000
	11	C	800	Newell County Water District	2500801 01	Drill new wells in a strata that meets the MCL for iron and manganese. Replace failing distribution system.	\$275,000
	11	C	610	SAN MIGUELITO MWC	4010003 11	Replace non-functional valves and appurtenances then sandblast and paint vessels and piping.	\$25,000
	11	C	600	Cal-American/Hidden Hills WS	2710022 01	Design and construct oxidation and filtration treatment facility for the removal of Fe & Mn.	\$500,000
	11	C	575	RIVER LAND RESORT	3600365 01	Construct treatment facility, Construct tank	\$100,000
	11	C	500	MATT DILLON WATER COMPANY	5500363 01	INSTALL A FILTRATION SYSTEM TO REMOVE IRON AND MANGANESE.	\$144,000
	11	C	500	Dell Wayne/Village Green MHP	5110008 01	Install a filtration system to remove excess minerals.	\$0
	11	C	490	San Lucas County Water System	2701676 01	Design and engineer a project which would enable water system to remove dirt, iron, and manganese from water supply.	\$90,000
	11	C	486	DURAND WATER COMPANY, INC	4000670 01	Construct a water treatment facility and connect to the water system.	\$50,000
	11	C	450	RIVERSIDE COUNTY	3301577 01	Install filtration treatment units. Construct new storage reservoir and booster pump station.	\$0
	11	C	430	Plumas Eureka CSD	3210011 01	Construction of water treatment facilities.	\$600,000
	11	C	406	BARRETT LAKE MOBILE HOME PARK	3700041 01	New tanks, lines and pressure pump.	\$50,000
	11	C	350	Lassen County Water District #1	1810003 01	Purchase and installation of filters to remove the iron and manganese.	\$210,000
	11	C	343	PINE HILLS MUTUAL WATER CO.	3700905 01	(1) Develop filtration plan, (2) Determine best design filtration system, (3) Purchase filtration system including installation, startup and training.	\$100,000
	11	C	302	FAIR OAKS WATER SYSTEM	3901348 01	CONSTRUCT TREATMENT. OTHER = DESIGN AND CONSTRUCTION	\$700,000
	11	C	300	Prunedale Mutual Water Association	2700702 02	Install ozone treatment and filtration system.	\$100,000
	11	C	250	PINE VALLEY TRAILER PARK	3701961 01	as above.	\$100,000
	11	C	240	GARDEN FARMS	4000507 01	Install simple filters at wells with high concentrations of the minerals, greensand and chemical charcoal filters are being considered.	\$45,000
	11	C	220	CAMP OWEN WATER SYSTEM	1502315 01	INSTALL FILTRATION AND WATER CONDITIONING SYSTEM AT THE SITE OF THE EAST WELL SO THAT IT CAN BE UTILIZED. REPLACE/REPAIR WATER STORAGE TANK.	\$60,000
	11	C	210	City of Blythe, Hidden Beaches	0001402 01	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	\$6,716,000
	11	C	200	CUYAMACA WATER DISTRICT	3700074 01	Add storage tank and replace some of distribution lines, and possibly construct a filtration system	\$350,000
	11	C	173	Mar Vista Water Company	4400502 01	The well should be replaced completely. Also, the existing water lines need to be replaced or upgraded.	\$115,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
D	11	C	150	ACAMPO WATER SYSTEM	3901303 02	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION.	\$700,000
	11	C	132	Vierra Canyon WS	2702007 01	Physically consolidate with Normco Division. Install 7000 feet of piping to make the connection.	\$225,000
	11	C	100	HOOD WMD	3400101 01	Construct an iron and manganese treatment facility and construct a 1,000 gpm well with iron and manganese treatment. Involves design and construction	\$300,000
	11	C	100	HOOD WMD	3400101 02	Construct a 250,000 gallon water storage tank. Involves design and construction.	\$250,000
	11	C	100	FAIRWAY DOWNS	5800572 02	Install iron and manganese filtration system for removing these secondary standard constituents.	\$73,000
	11	C	96	Mooreland Avenue Apartments	4901195 01	In 1996/97 system installed a 5,000 gal storage tank, with booster pump and pressure system. Would like to install treatment for iron and manganese, seal north well which is now inoperable and refinance the previous 1996/97 system improvements.	\$25,000
	11	C	68	FAIRWAY ESTATES	3901075 01	CONSTRUCT REATMENT FACILITY, PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION.	\$750,000
	11	C	50	Woodside Water Association	2702140 01	They do not describe any projects. Perhaps, they are hoping we will tell them what they should do.	\$50,000
	11	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 01	Construct a manganese removal facility.	\$25,000,000
	11	P	550	Twin Hills School Dist-Apple Blossos	4900710 01	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	\$100,000
	11	P	350	Oak Grove School	4900703 01	Install filtration or ozonation system with holding tank.	\$30,000
	11	P	300	Twin Hills School Dist-Twin Hills S	4900707 01	Drill new well, install iron & manganese and pH treatment, separate drinking water from irrigation water.	\$105,000
	11	P	246	Franklin Elementary School	3400248 01	New mangnesium filtration system. Replace and modernize plumbing.	\$10,000
	11	P	200	Unitarian-Universalist Fellowship	4901170 01	Confirm composition of suspended matter, design and install system to remove and dispose of solids.	\$14,000
	11	P	145	DELTA ISLAND ELEMENTARY SCHOOL	3900713 01	REIMBURSE FOR TREATMENT INSTALLED	\$8,000
	11	P	80	Willow Creek School	4700569 01	Add treatment to remove rust and/or manganese.	\$10,000
	11	P	41	Arlington Elementary School	2500513 02	Drill a new well in a strata that meets the MCL for manganese.	\$44,850
	11	N	250	AMERICAN LEGION POST 376	0500090 01	DRILL NEW AND DEEPER WELL.	\$10,000
	11	N	170	CAMP MINKALO	0300067 01	DRILL NEW WELL TO GET WATER OF BETTER QUALITY.	\$40,000
	11	N	100	Maharishi Vedic School	1700668 01	Convert existing 20,000 gal tank to sand filter.	\$30,000
	11	N	60	Strawberry Campground	0400138 01	Deepen wells and bring in electrical connections.	\$165,000
	11	N	0	Indian Hills Camp	0001405 01	We have a chlorination system in place now which does an adequate job but a more sophisticates system such as osmosis would be safer and more functional.	\$9,947

**Total of project(s) in Bond Law Category D= 101 projects**

**Total Cost for Projects in Category D:**

**\$87,746,218**

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	12	C	500000	Sonoma County Water Agency	4910020 04	Design and construction of one additional Ranney Collector Well with 20 mgd capacity and connecting pipeline.	\$7,800,000
	12	C	55000	EAST VALLEY WD	3610064 02	Consolidate water system into EVWD	\$985,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 03	CONSTRUCT A 500,000 GALLON TANK TO IMPROVE SYSTEM RELIABILITY.(See new definition and water outage noted in project 08)(4/	\$1,000,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 05	REPLACE THE TWO EXISTING WATER TANKS WITH TWO NEW 100,000 GALLON RESERVOIRS. (See 08)	\$700,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 13	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 11,000' OF 16" PIPELINE (see 08)	\$1,932,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 01	REPLACE APPROXIMATELY 6700' OF EXISTING WATER MAINS AND UPGRADE 2 PUMP STATIONS. (See 08)	\$870,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 10	REPLACE APPROXIMATELY 1,700 FT. OF WATER MAIN TO REDUCE MAINTENANCE COSTS.(See 08)	\$840,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 11	REPLACE EXISTING WATER MAINS.(See project 08)	\$850,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 02	REPLACE APPROXIMATELY 8000' OF EXISTING WATER MAINS AND RECONSTRUCT A PUMP STATION. (see 08)	\$1,600,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 08	Installation of three 10" parallel pipelines and replacement of portions of the existing pipes with pipes using rigid joints.(This project is reranked and redefined per Dist memo dated 3/31/2000)	\$2,000,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 14	REPLACE PORTIONS OF THE EXISTING 10" AND 12" PIPELINES WITH 8,000' OF 16" PIPELINE (see 08)	\$1,401,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 15	REPLACE THE EXISTING 10" PIPELINES WITH 1,100' OF 16" PIPELINE (see 08)	\$1,550,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 18	CONSTRUCT A 2 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE (see 08)	\$2,100,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 16	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES(see 08)	\$1,550,000
	12	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 17	REPLACE THE EXISTING 8", 10" AND 12" PIPELINES WITH 16" PIPELINES (see 08)	\$870,000
	12	C	13831	City of Crescent City	0810001 01	Upgrade system	\$8,500,000
	12	C	13831	City of Crescent City	0810001 02	Installation of additional transmission pipe line and storage tank.	\$9,000,000
	12	C	12861	Bella Vista Water District	4510014 08	Construct a pump station and pipelines to provide treated drinking water to previously unserved area to replace their existing well water supplies.	\$1,192,000
	12	C	6603	SO CA WATER CO-WRIGHTWOOD	3610047 01	Construct new well	\$300,000
	12	C	6500	Fort Bragg, City of	2310001 01	Develop well field (estimated to supply 1400 gpm), install 5500 L.F. new transmission lines, new pump station and controls.	\$1,100,000
	12	C	5160	GOLDEN HILLS CSD	1510045 06	Loop water system in west GHCS D service area in order to provide the necessary water volume to Keene.	\$100,000
	12	C	5050	Descanso CWD	3710009 01	New tanks, new lines and meters, upgrade wells, add filtration system, generator, tank site purchase, grading and fencing.	\$1,300,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	12	C	5000	City of Seaside	2710018 01	Install new well.	\$150,000
	12	C	3000	East Blythe Co Water Dist	3310060 01	Construct a new water facility consisting of supply wells, filtration, and storage reservoirs. Install distribution pipelines. (See attached documentation).	\$8,285,000
	12	C	1500	Rural North Vacaville Water Distric	4810013 01	Design and construct a water system for the district.	\$7,305,000
	12	C	1100	YERMO WATER CO	3610118 01	Construct new well and reservoir, replace mainline	\$850,000
	12	C	700	BIG HILL WATER CO- BIG HILL	5510029 01	REPLACE DETERIORATED SECTIONS OF THE DISTRIBUTION SYSTEM.	\$1,472,000
	12	C	700	BIG HILL WATER CO- BIG HILL	5510029 02	UPGRADE EXISTING STORAGE FACILITIES AND ADD A 200,000 GALLON STORAGE TANK.	\$305,000
	12	C	698	LOS ANGELES CO WW DIST 35- NORTHEAST	1910027 01	CONSTRUCT A NEW 500' SHADOW WELL, 4 MILES OF PIPELINES, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	\$2,340,000
	12	C	500	Camanche North Shore Inc.	0310008 01	CONSTRUCT NEW WELL AND 1100 FEET OF 4 INCH TRANSMISSION MAIN LINE. OTHER = REFINANCE, DESIGN AND CONSTRUCTION.	\$370,000
	12	C	500	LIVE OAKS SPRINGS	3700922 01	Replace existing distribution system, and install pressure system (pressure tanks and pump system).	\$1,000,000
	12	C	415	FOREST PARK MWC	3600107 01	Construct new sources and storage facilities	\$150,000
	12	C	343	PINE HILLS MUTUAL WATER CO.	3700905 02	Add additional well; increase present storage capacity; replace affected delivery lines.	\$80,000
	12	C	340	LAKE WOHFORD RESORT	3700919 01	Install well, run electricity to well. Purchase and install storage tank.	\$120,000
	12	C	340	Lakeside Woods MWC	4500013 01	New storage tank, water main repairs and replacement, stand-by generator for power outages and water meters to encourage residents to conserve water to preclude water outages.	\$93,000
	12	C	332	JUNIPER RIVIERA CO WD	3600222 01	Construct new well	\$130,000
	12	C	300	GREENBELT WATER COMPANY	4400598 01	Drill and equip a new well, including appurtenances necessary to supply water to the system such as booster pump, pressure tank, and control system.	\$38,000
	12	C	240	Colusa County Service Area No. 1	0600012 01	Drill new wells and replace existing storage reservoir.	\$200,000
	12	C	200	Mariposa Pines Mutual	2210906 01	CONSTRUCT A NEW WELL, RECONSTRUCT TWO WELLS, AND INSTALL STORAGE AND DISTRIBUTION SYSTEM IMPROVEMENTS.	\$294,806
	12	C	175	SOUTHERN PACIFIC TRANSPORTATION CO.	1500371 01	BUILD TEN MILES OF PIPELINE FROM TEHACHAPI TO KEENE. OTHER - DESIGN AND CONSTRUCTION	\$2,500,000
	12	C	175	SPLIT MOUNTAIN PARK	3701882 01	New 5,000 gallon water storage tank, new 1,500 gallon water pressure tank, and new 5 hp secondary booster pump.	\$8,500
	12	C	170	CRAGVIEW COMMUNITY SERVICE DIST	4500028 01	Armor slopes and relocate facilities.	\$160,000
	12	C	150	Carrick Water System	4700521 01	Develop new souce that is adequately separated from sewage disposal facilities.	\$600,000
	12	C	140	SUNRISE MUTUAL WATER CO.	5400881 01	INSTALLATION OF A LARGER CAPACITY STORAGE UNIT AND LABOR SIZE MORE MODERN MAIN LINES AND IMPROVED SERVICE LINES	\$185,000
	12	C	130	VOLCANO COMMUNITY WATER	0300016 01	STUDY ALTERNATIVES, DESIGN SOLUTION, AND CONSTRUCT SOLUTION. OTHER = STUDY, DESIGN, AND CONSTRUCTION	\$1,000,000
	12	C	125	ALPINE OAKS MOBILE ESTATES	3701988 01	Construct additional well and 20,000 gallon storage tank.	\$100,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	12	C	120	Langley-Valle Pacifico WS	2701670 01	Install new well and treatment facilities.	\$400,000
	12	C	120	Monterey Vacation R.V. Park	3500554 01	Consolidate with Aromas Water District and become a customer instead of a supplier.	\$100,000
	12	C	115	ALLENSWORTH COMMUNITY	5400544 01	REPLACE WATER DISTRIBUTION SYSTEM, DRILL SECOND WATER WELL	\$115,000
	12	C	111	RECHE CANYON	3301541 01	Install water meters and 6" pipeline 3,800' to connect to available city water.	\$150,000
	12	C	100	HIDDEN LAKE WATER DISTRICT #1	2000544 01	INSTALL A NEW WATER TREATMENT PLANT (100 GPM CAPACITY), LARGER INTAKE PUMPS, AND ASSOCIATED PIPING AND ELECTRICAL FACILITIES. ALSO INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	\$250,000
	12	C	100	WILLOWS ASSN.	3700004 01	1. Drill additional well. 2. Connect to Padre Dam Water District. The cost of this option has not been determined.	\$17,000
	12	C	100	Boulevard Heights Mutual Water	4901071 01	Construct additional 50,000 gal tank. Install larger well pumps.	\$85,000
	12	C	100	Oakridge Dr. Subdivision MWC	2701422 01	Consolidation with Aromas Water District.	\$700,000
	12	C	99	Blairsdon Water Users Association	3200134 01	Replace antiquated water lines and install storage tank.	\$150,000
	12	C	96	LLANO FARMS MUTUAL WATER CO.	1900514 01	INSTALL NEW WELL, BOOSTER PUMP, AND STORAGE TANK	\$500,000
	12	C	96	Spring Canyon MWC	2700838 01	Water system needs to consolidate with a larger water system--specifically Alco Water Service.	\$175,000
	12	C	95	Assisi Road Water System #1	2700503 01	Replace bowls.	\$11,630
	12	C	75	DARWIN COMMUNITY	1400098 01	Construct two wells and improve spring	\$100,000
	12	C	75	LITTLE BALDY WATER CO.	1900158 01	PURCHASE THREE 2.5 ACRE SITES, CONSTRUCT APPROX. 100,000 STORAGE TANK ON EACH AND SECURITY FENCING	\$450,000
	12	C	75	LITTLE BALDY WATER CO.	1900158 04	Deepen existing well for more supply, or drill new well	\$100,000
	12	C	72	Vierra Meadows Mutual Water Co.	2702003 01	Add additional 15,000 gallon storage tank.	\$30,000
	12	C	66	Z Ranch MWC	2700731 01	Add one or two new wells.	\$80,000
	12	C	60	Rural Canyon Water Company	4900618 01	Construct a 1 1/2 mile 6 inch line to connect to Forestville CWD, annex to District and pay the connection fees or purchase wholesale water & continue to operate the storage and distribution system.	\$350,000
	12	C	59	Lake View Water Co.	2300606 01	Drill well.	\$30,000
	12	C	52	Klamath C.S.D.	0800548 01	Construct two wells and new telemetry in currently identified good aquifer. Construct transmission line to existing distribution system (200 feet of 6-inch PVC).	\$160,000
	12	C	51	Los Ranchos De Uvas Water Company	4300637 02	Need to hook up to Twin Valley Water Company.	\$100,000
	12	C	48	Ballantree Estates	2702235 01	The water system would like to be connected to Aromas Water District. This would require the construction of a pipe which would have to be about one and a half miles long and would have to cross a highway.	\$800,000
	12	C	45	Echo Valley WS #5	2701423 01	Design and construction of new well.	\$45,000
	12	C	43	Rancho Atajo Co-Op	3301491 01	To lay the needed pipe to loop the system. We have 6 other wells we could use but need pumps and electric to run them.	\$15,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	12	C	40	MADERA COUNTY MAINTENANCE DISTRICT#	2000549 01	INSTALL AN ADDITIONAL WELL AND A 100,000 GALLON STORAGE TANK WITH A TELEMETRY SYSTEM.	\$140,000
	12	C	40	Arrowhead Ranch Water	2702072 01	Physical consolidation with Normco Water System.	\$120,000
	12	C	30	TIMBER MOBILE HOME PARK	2210919 01	CONSTRUCTION OF A NEW WELL AND STORAGE TANK.	\$50,000
	12	C	30	San Miguel WS #3	2700740 01	Consolidate with Royal Oaks WS.	\$110,000
	12	C	26	COMMANCHE WELL WATER SYSTEM	1502567 01	TIE INTO ANOTHER SYSTEM, STORAGE TANK AND BOOSTER PUMPS. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$400,000
	12	P	200	LA HONDA ELEMENTARY SCHOOL	4100516 01	Feasibility Study to consolidate with LaHonda Guild, CSA#7, San Mateo Co., or San Francisco Water District, with LaHonda's inadequate water supply.	\$10,000
	12	P	150	Montgomery Creek School	4500170 01	Improve spring or drill wells to improve source capacity and preclude water outages.	\$60,000
	12	P	120	Canyon Elementary School	4500186 01	Drill a new well and install pump to provide sufficient capacity.	\$10,000
	12	P	72	LATROBE ELEMENTARY SCHOOL	0900410 01	Construct additional well and connect to storage tank.	\$20,000
	12	P	32	Honeydew Elementary School	1200806 01	Develop additional water source and improve distribution system.	\$6,000
	12	N	870	CSP-Fort Ross State Park	4910309 01	Hire geologist to perform study and to oversee construction of new well development.	\$225,000
	12	N	110	MILLERS HOT SPRINGS	1400088 01	Construct pressure tank, distribution system replacement	\$200,000
	12	N	45	SPRINGCREST WATER AND POWER	3301643 01	A) Need secondary source of water - new well \$25k, B) Provide electrical service to wells/tanks for monitoring \$5k, C) Replace approx. 200 l.f. of 8" water line \$16k, D) Clean out hydrolic wells \$5k	\$51,000
	12	S	168	Big Bend Water Users Association	0931012 01	Develop supplemental water source; replace and repair pipeline; rerouting	\$35,000
	12	S	17	Walker Valley Rd Water System #2	2700801 01	New well; possible new tank and /or distribution system.	\$50,000
	13	C	1600000	Santa Clara Valley Water District	4310027 02	Solution to the problem requires the construction of a settled water ozone system using LOX as feed gas and sulfuric acid and hydrogen peroxide for bromate control, with fine bubble diffusion ozone contactors followed by GAC filtration.	\$58,000,000
	13	C	1600000	Santa Clara Valley Water District	4310027 03	Need to change the current treatment to one using ferric chloride as the primary coagulant.	\$7,400,000
	13	C	1200000	East Bay MUD	0110005 17	Conversion at WTP's from disinfection by free chlorine to chloramines.	\$10,734,000
	13	C	1200000	East Bay MUD	0110005 01	New chemical feed, storage and control facilities additional filtration capacity and washwater solids handling improvements.	\$29,840,000
	13	C	944000	San Jose Water Company	4310011 08	Evaluate, design, and construct required facilities for reducing THM's	\$8,000,000
	13	C	750000	SF Public Utilities Commission	3810001 52	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharge to the environment.	\$750,000
	13	C	750000	SF Public Utilities Commission	3810001 74	Convert system disinfectant to chloramines. Construct dechlorination facilities for discharge to the environment.	\$2,700,000
	13	C	750000	SF Public Utilities Commission	3810001 51	Convert system disinfectant to chloramines. Construct dechloramination facilities for discharges to the environment.	\$32,345,000
	13	C	165000	CASTAIC LAKE WATER AGENCY	1910048 01	REPIPE EFFLUENT TO CREATE FLOWTHROUGH CLEARWELLS. THE CURRENT PIPE WILL BECOME AN INFLUENT LINE, AND A NEW 54" PIPELINE WILL CONVEY THE EFFLUENT TO THE SYSTEM. THIS WILL MINIMIZE THM'S.	\$1,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	13	C	165000	CASTAIC LAKE WATER AGENCY	1910048 05	CONVERT THE EARL SCHMIDT FILTRATION PLANT TO AN OZONATION PLANT. OZONATION COMBINED WITH BIOLOGICALLY ACTIVE FILTRATION AND FREE CHLORINATION LOWERED THM'S BY 20% AT CLWA'S RIO VISTA TREATMENT PLANT, WHICH TREATS THE SAME WATER AS THE EARL SCHMIDT P	\$1,000,000
	13	C	155300	California Water Service - Stockton	3910001 01	DESIGN AND CONSTRUCT A S MGD TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	\$2,600,000
	13	C	151064	SAN GABRIEL VALLEY WATER CO.-EL MON	1910039 05	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE TECHNOLOGY TO REMOVE PERCHLORATE AND NITRATE.	\$2,500,000
	13	C	129700	THREE VALLEYS MWD	1910041 04	INSTALL OZONATION PLANT FOR OZONE DISINFECTION.	\$10,000,000
	13	C	109000	CALIFORNIA WATER SERVICE - SAN MATE	4110008 01	Install facilities to enable chloramine disinfection of all systems reservoirs (19) and purchase portable chlorination equipment.	\$780,000
	13	C	87137	ANTELOPE VALLEY-EAST KERN WATER AGE	1910045 02	INSTALL AMMONIA FEED SYSTEMS AT THREE WATER TREATMENT PLANTS	\$562,500
	13	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146 01	Perform investigation to define extent of contamination, source of contaminants, remediation, and potential treatment technologies. Project involves: Study, Design, and Construction.	\$5,000,000
	13	C	69300	REDLANDS CITY MUD-WATER DIV	3610037 01	Design/Study treatment possibilities	\$2,000,000
	13	C	66000	CALIFORNIA WATER SERVICE - BEAR GUL	4110006 02	Install facilities to enable chloramine disinfection of 23 Reservoirs and treatment plant, purchase portable chlorination.	\$1,020,000
	13	C	60000	CASITAS MUNICIPAL WATER DIST	5610024 04	Addition of treatment process to the existing pressure filtration TP.	\$1,500,000
	13	C	56200	CALIFORNIA WATER SERVICE-S SAN FRAN	4110009 01	INSTALL FACILITIES TO ENABLE CHLORAMINE DISINFECTION OF ALL SYSTEM RESERVOIRS (13) AND PURCHASE PORTABLE CHLORINATION EQUIPMENT.	\$540,000
	13	C	54670	CWS Los Altos Suburban	4310001 03	Install facilities to enable chloramine disinfection of all system wells.	\$860,000
	13	C	50000	SAN BERNARDINO VALLEY WD	3610019 01	Basin wide treatment and distribution facilities	\$20,000,000
	13	C	50000	SAN BERNARDINO VALLEY WD	3610019 02	Basin wide treatment and distribution facilities	\$20,000,000
	13	C	50000	SAN BERNARDINO VALLEY WD	3610019 03	Basin wide treatment and distribution facilities	\$20,000,000
	13	C	50000	SAN BERNARDINO VALLEY WD	3610019 04	Basin wide treatment and distribution facilities	\$20,000,000
	13	C	50000	SAN BERNARDINO VALLEY WD	3610019 05	Basin wide treatment and distribution facilities	\$20,000,000
	13	C	39100	CALIFORNIA WATER SERVICE - SAN CARL	4110007 01	Install facilities to enable chloramine disinfection of all systems reservoirs (22) and purchase portable chlorination equipment.	\$900,000
	13	C	28000	COVINA IRRIGATION CO.	1910128 02	CONVERSION TO OZONE SYSTEM	\$1,000,000
	13	C	26800	City of Benicia	4810001 05	Installation of hypalon "curtains" inside of reservoirs to baffle the flow.	\$245,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	13	C	26800	City of Benicia	4810001 07	Design and construct two new sludge lagoons near the washwater recovery basin, a small recycle basin and pump station.	\$600,000
	13	C	26800	City of Benicia	4810001 06	Design and construct ozone facilities at the Water Treatment Plant.	\$4,700,000
	13	C	12270	Cal-Water Service Co.-Marysville	5810001 01	Design and construct a 1.0 MGD treatment plant to address the production problems of these wells.	\$750,000
	13	C	11563	ANTELOPE VALLEY E KERN WTR AGY	1510053 03	INSTALL AMMONIA FEED SYSTEMS AT ONE WATER TREATMENT PLANT	\$187,500
	13	C	9527	CHANNEL ISLANDS BEACH CSD	5610039 01	Desalination treatment plant, storage Reservoir and State Water connection	\$4,000,000
	13	C	8000	LA PUENTE VALLEY CWD	1910060 02	Design and construction of a 3000 gpm Perchlorate treatment facility when treatment technology becomes available. Project involves: Design to solve problem and Construction	\$750,000
	13	C	8000	LA PUENTE VALLEY CWD	1910060 06	Design, drilling and equipping a 2,500 gpm well at a site outside of the contamination plume. Project involves: Design to solve problem and Construction	\$630,000
	13	C	8000	LA PUENTE VALLEY CWD	1910060 08	Deepening and reequipping of existing Wells 2, 3, and 4. Project involves: Design to solve problem and Construction	\$330,000
	13	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 12	Construct treatment facilities	\$140,000
	13	C	4800	Calistoga, City of	2810002 06	Improve mixing and filtration; add coagulant system.	\$200,000
	13	C	3787	Northern California Youth Center	3910802 01	ESTABLISH CONNECTION WITH CITY OF STOCKTON OTHER = DESIGN AND CONSTRUCTION	\$780,000
	13	C	3300	Glenshire Mutual Water Company	2910036 01	Install package treatment plant with piping for waste requirements. Involves design and construction.	\$0
	13	C	2500	Pine Valley MWC	3710039 05	Treatment facilities for removal of radon gas from drinking water.	\$1,000,000
	13	C	2260	SO CA WATER CO - MORONGO DEL SUR	3610063 01	Construct treatment facilities	\$250,000
	13	C	1600	HOME GARDEN CSD	1610007 02	Water treatment or possible interconnection to City of Hanford (<1 mile)	\$200,000
	13	C	1416	SO CA WATER CO-VICTORVILLE 5	3610105 01	Construct intertie to increase source capacity	\$120,000
	13	C	1300	WARRING WATER SERVICE INC	5610021 01	Drill a replacement well.	\$150,000
	13	C	1000	ARROWBEAR PARK CWD	3610110 02	Construct treatment facility	\$350,000
	13	C	1000	BODFISH WATER COMPANY	1510026 01	DRILL AND EQUIP A NEW WELL AND/OR INSTALL TREATMENT FACILITIES SUCH AS AERATION AND NANO-FILTRATION AT EXISTING FACILITIES. OTHER - DESIGN AND CONSTRUCTION	\$300,000
	13	C	870	SO CAL WC/MOR DEL NORTE	3600270 01	Construct treatment facilities	\$150,000
	13	C	240	AERIAL ACRES WATER SYSTEM	1500405 01	BLENDING OR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	\$220,000
	13	C	184	MUSTANG MUTUAL WATER SYSTEM	1500555 01	WATER TREATMENT OR CONNECT TO ANOTHER SYSTEM	\$200,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	13	C	80	KEELER COMMUNITY	1400036 05	Install treatment facilities	\$185,000
	13	C	31	SCHWEIKART WATER SYSTEM	1502545 01	RUN 2 MILES OF 12" MAINLINE AND CONSOLIDATE TO VAUGHN WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	\$260,000
	13	C	0	LOPEZ PROJECT	4010022 04	Study & develop an enhanced coagulation program designed to achieve DBPR compliance	\$100,000
	13	C	0	UNITED WTR CONS DIST	5610046 03	Construct RO plant at El Rio facility, 25 mgd.	\$18,500,000
	13	P	300	Moss Landing School Water System	2700598 01	Install a corrosion control treatment unit.	\$80,000
	13	P	200	Captain Cooper School	2702322 05	Install a corrosion control treatment unit.	\$80,000
	13	P	125	SUNRISE WMD	3400344 01	Design and construct a one million gallon storage tank and booster station.	\$1,000,000
	13	P	125	SUNRISE WMD	3400344 02	Perform a pilot study to test alternative potential well-head treatment methods for the removal of perchlorate.	\$150,000
	13	P	125	SUNRISE WMD	3400344 03	Perform an engineering study to identify a permanent replacement source for the contaminated wells.	\$150,000
	13	N	604	GLENNVILLE SHOPPING CENTER	1502554 01	DRILL WELL AND CONNECT 10 HOMES TO WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	13	N	350	ECHO VALLEY SCHOOL	2700552 01	Install a corrosion control treatment unit.	\$80,000
	13	N	150	WASHINGTON UNION SCHOOL	2701221 01	Install a corrosion control treatment unit	\$80,000
	13	N	90	EDNA BEAMAN SCHOOL	2600568 01	Drill new well	\$150,000
	13	N	75	BRADLEY UNION SCHOOL DISTRICT	2700964 01	Install a corrosion control treatment unit.	\$80,000
	13	N	25	San Benacio School Water System	2701187 01	Consolidate with Ambler Park Water System (2710006)	\$80,000
	13	S	70	El Camino High School Water System	2702490 01	Install a corrosion control treatment unit.	\$80,000
	14		390	Courtland Site Water Well	3410000 02	Construction of new water well and pumping equipment. Involves design and construction.	\$30,000
	14		390	Courtland Site Water Well	3410000 01	Install 20,000 gallon storage tank.	\$50,000
	14		16	MULLER AVE AREA WATER SYSTEM	0012160 01	CONSOLIDATE WITH EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$400,000
	14	C	1.6E+07	METROPOLITAN WATER DIST. OF SO. CAL	1910087 03	Design and construct a new outlet tower near the shoreline.	\$165,000,000
	14	C	1600000	Santa Clara Valley Water District	4310027 01	Replacement of the filter underdrain system with cast-in-place, monolithic, false floor, air/water nozzle system.	\$2,010,000
	14	C	1200000	East Bay MUD	0110005 07	Modifying Piedmont, Summit and Estates Reservoir roofs. Remove the decorative pond. Double contaminant and inspection and testing of non-potable structures will be provided.	\$1,134,000
	14	C	1200000	East Bay MUD	0110005 08	INSTALL RESERVOIR OVERFLOW SCREENS. IMPROVE RESERVOIR SAMPLING AND CHLORINATION FACILITIES.	\$2,500,000
	14	C	1177400	San Diego - City of	3710020 01	This project will mitigate potential contamination threat by putting air/vacuum valves out of harm's way.	\$1,452,000
	14	C	1177400	San Diego - City of	3710020 04	Rehabilitate the existing reservoir. (Emerald Hills Standpipe)	\$857,020

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	1177400	San Diego - City of	3710020 06	Rehabilitate the reservoir with new lining, roof, and seismic retrofit.	\$2,468,800
	14	C	1177400	San Diego - City of	3710020 07	Bayview Reservoir - remove existing 10 MG Reservoir and replace with an 18 MG Reservoir.	\$17,642,900
	14	C	1177400	San Diego - City of	3710020 08	Rancho Bernardo Reservoir repair existing reservoir to existing standards.	\$4,153,062
	14	C	1177400	San Diego - City of	3710020 09	Penesquitos Reservoir (# 15, 20, 22) rehabilitation: replace roof, update to new seismic standards, replace parts and electrical equipment.	\$966,000
	14	C	1177400	San Diego - City of	3710020 10	San Carlos Reservoir (#16, 19, 24): Improve circulation, update to new seismic standards and replace corroded parts and electrical components.	\$1,126,000
	14	C	1177400	San Diego - City of	3710020 12	Alvarado water filtration plant expansion and rehabilitation project: College Ranch Pump Plant.	\$4,800,000
	14	C	1177400	San Diego - City of	3710020 16	Bayview water pump plant - replace existing pump plant.	\$885,704
	14	C	1177400	San Diego - City of	3710020 17	Replace pumps, valves and instrumentation. Upgrade power source and metering. Enlarge structure to accommodate emergency generator.	\$950,000
	14	C	1177400	San Diego - City of	3710020 18	65th and Herrick Pump Plant - Replace existing pump plant with a new, larger pump plant.	\$711,482
	14	C	1177400	San Diego - City of	3710020 19	Replace approximately 6 miles of pipeline including valves and appurtenances.	\$27,000,000
	14	C	1177400	San Diego - City of	3710020 20	Pipeline improvements.	\$17,755,070
	14	C	1177400	San Diego - City of	3710020 23	Replace approx. 6,000 ft. of pipeline including valves and appurtenances.	\$2,300,000
	14	C	1177400	San Diego - City of	3710020 24	Replace approx. 250' of pipeline and appurtenances. CO # 59	\$125,000
	14	C	1177400	San Diego - City of	3710020 25	This project will replace and/or rehabilitate approx. 6,700 feet of the pipeline.	\$4,580
	14	C	1177400	San Diego - City of	3710020 26	Reline the existing prestressed pipeline (miramar pipe line improvements - phase III	\$5,300,000
	14	C	1177400	San Diego - City of	3710020 27	Reline the existing prestressed pipeline (Miramar Pipe Line Improvements - Phase IV.	\$4,400,000
	14	C	1177400	San Diego - City of	3710020 39	Sand blasting and recoating the tank interior, provide additional anchor bolts, spot cleaning the exterior of tank, provide new ladders, hatches and safety appurtenances.	\$450,000
	14	C	1177400	San Diego - City of	3710020 40	Rehabilitation of La Jolla Country Club Reservoir.	\$135,860
	14	C	1177400	San Diego - City of	3710020 43	Paradise Mesa standpipe rehabilitation project.	\$500,000
	14	C	1177400	San Diego - City of	3710020 46	Replace it with a new pump plant at Deerfield St. (Deerfield Street Water Pump Station).	\$6,100,000
	14	C	1177400	San Diego - City of	3710020 47	(La Jolla Exchange Place Reservoir) Repair existing reservoir to existing standards.	\$137,000
	14	C	1177400	San Diego - City of	3710020 48	The slope will be stabilized and approx. 300 ln. ft. of pipe will be replaced with new DIP.	\$2,000,000
	14	C	1177400	San Diego - City of	3710020 02	Construct 10 to 15 MG South SD Reservoir No. 2.	\$13,140,000
	14	C	1177400	San Diego - City of	3710020 05	Rehabilitate the reservoir.	\$2,500,000
	14	C	1177400	San Diego - City of	3710020 21	Pipeline improvements.	\$17,010,340
	14	C	1177400	San Diego - City of	3710020 36	Mid-City Pipeline, see attached.	\$27,000,000
	14	C	1177400	San Diego - City of	3710020 22	Pipeline improvements.	\$14,526,600
	14	C	944000	San Jose Water Company	4310011 03	Replace 20 miles of aging water mains.	\$20,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	750000	SF Public Utilities Commission	3810001 03	Replace trestles above low water where required. Replace walkways and guardrails where required. Raise elevation of support where required.	\$6,650,000
	14	C	750000	SF Public Utilities Commission	3810001 06	Perform study and analysis of existing timer trestles to determine their ability to withstand future earthquakes. Develop alternatives to achieve this goal followed by design and construction of necessary work.	\$24,610,000
	14	C	750000	SF Public Utilities Commission	3810001 10	Review the existing piping design for effectiveness and appropriateness. Produce the plans and specifications including rearranging the connection for SVWTP.	\$33,000,000
	14	C	750000	SF Public Utilities Commission	3810001 11	Reverse shift in channel by relocation of side cast quarry rock from one side to another, replace natural impediments to creek flows.	\$4,000,000
	14	C	750000	SF Public Utilities Commission	3810001 12	MAKE PREPARATION OF PLANS AND SPECIFICATIONS FOLLOWED BY CONSTRUCTION WORK.	\$439,000
	14	C	750000	SF Public Utilities Commission	3810001 14	Replace three sections of pipeline.	\$12,600,000
	14	C	750000	SF Public Utilities Commission	3810001 17	SEISMICALLY ANCHOR TANKS, PUMPS, AND PIPING. PROVIDE AUTOMATIC SHUT-OFF VALVES ON CHEMICAL FEED LINES AND OTHER ITEMS.	\$3,925,000
	14	C	750000	SF Public Utilities Commission	3810001 19	PROVIDE PARALLEL TUNNEL THAT WILL UPGRADE SYSTEM TO RELIABILITY TO AN ACCEPTABLE LEVEL. PROVIDE AN ALTERNATIVE FACILITY TO MEET THE SAME.	\$152,000,000
	14	C	750000	SF Public Utilities Commission	3810001 24	REPAIR AND REPLACE THE DETERIORATED VALVES IN ORDER OF CRITICALITY. ADD NEW VALVES FOR FLEXIBILITY AND RELIABILITY WHERE DETERMINED.	\$470,000
	14	C	750000	SF Public Utilities Commission	3810001 25	PROVIDE A NEW SUNSET FEEDER MAIN. BUILD PRESSURE REDUCING STATION AND MAKE CONNECTIONS TO THE UM SYSTEM MAINS.	\$26,000,000
	14	C	750000	SF Public Utilities Commission	3810001 28	relocate and upgrade the PRVs and other critical valves.	\$2,620,000
	14	C	750000	SF Public Utilities Commission	3810001 31	UPGRADE SWITCH GEAR, ELECTRICAL SYSTEMS, PUMPS AND OTHER ITEMS. ADD NECESSARY AUTOMATION IN FACILITIES TO SUPPORT SCADA.	\$4,100,000
	14	C	750000	SF Public Utilities Commission	3810001 36	Slip-line existing pipelines (put a pipe side), where possible, and to replace it where this is not feasible.	\$90,200,000
	14	C	750000	SF Public Utilities Commission	3810001 37	Repair and re-line the portion of San Joaquin pipeline between San Joaquin river and Tesla Portal.	\$3,000,000
	14	C	750000	SF Public Utilities Commission	3810001 38	Add a fourth pipeline to the San Joaquin system.	\$250,000
	14	C	750000	SF Public Utilities Commission	3810001 40	Investigate areas where flexible connection should be made piping in reservoirs; replace the seals in reservoir roofs where it has been determined to deter contamination of these treated water reservoirs,	\$70,400,000
	14	C	750000	SF Public Utilities Commission	3810001 41	Build a pump station to pump water either from or to SCVWD.	\$7,900,000
	14	C	750000	SF Public Utilities Commission	3810001 42	Plan, design. And install diesel generators and buildings at critical water pumping stations.	\$9,040,000
	14	C	750000	SF Public Utilities Commission	3810001 43	Evaluate the need and the type of standby power needed at the various facilities.	\$2,100,000
	14	C	750000	SF Public Utilities Commission	3810001 46	Determine appropriate locations needing pressure reducing valves between the northerly portion of the University Mound distribution system and adjacent higher pressure water supply system.,	\$370,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	750000	SF Public Utilities Commission	3810001 48	Provide seismic anchorage for these water tanks. Provide flexible connections between the tanks, the inlet and outlet piping.	\$3,200,000
	14	C	750000	SF Public Utilities Commission	3810001 56	Design a bypass tunnel, so Hetch Hetchy water does not receive local runoff during storm events.	\$14,548,000
	14	C	750000	SF Public Utilities Commission	3810001 62	Design and construct expansion of SVWTP to 240 mgd treated water reservoir solids handling facilities and pipelines and pump station expansion.	\$14,670,000
	14	C	750000	SF Public Utilities Commission	3810001 63	Design and construct expansion of SVWTP to 240 mgd; treated water reservoir; solids handling facilities; and pipelines and pump station expansion.	\$265,100,000
	14	C	475000	FRESNO, CITY OF	1010007 03	CONSTRUCTION OF NEW MAINS AND TRANSFER OF SERVICES TO NEW MAINS.	\$574,600
	14	C	374600	Sacramento, City of	3410020 03	Conduct a cross-connection program survey. Data will be used to establish a priority list for backflow assembly.	\$131,500
	14	C	374600	Sacramento, City of	3410020 07	Install a new engine-generator for additional standby power. Involves refinance, design and construction.	\$100,000
	14	C	374600	Sacramento, City of	3410020 13	Provide new treated water pump station and connecting piping. Involves design and construction.	\$20,000,000
	14	C	374600	Sacramento, City of	3410020 14	Install a new 60-inch steel interconnecting pipe. Involves refinancing and construction.	\$100,000
	14	C	374600	Sacramento, City of	3410020 15	Provide additional standby power by installing a new engine-generator. Involves refinancing, design and construction.	\$100,000
	14	C	374600	Sacramento, City of	3410020 16	Repair cracks and place a concrete coating on the slab and wall surfaces.	\$500,000
	14	C	374600	Sacramento, City of	3410020 22	Isolate South Sac as single pressure zone. Modify Florin Reservoir Pump Station to increase discharge head. Construct groundwater well to help supply peak demand. Involves refinancing and construction.	\$306,000
	14	C	292900	City of Anaheim	3010001 01	Abandon the six existing wells that draw from the swallow aquifer and construct six replacement wells that will draw from the deeper aquifers. The project will be completed in phases over a 5 year period .	\$1,020,000
	14	C	292900	City of Anaheim	3010001 03	Replace or reline the unlined cast iron pipes in phases over a five year period.	\$9,600,000
	14	C	253705	EASTERN MWD	3310009 01	Study and upgrade the distribution system and investigate the feasibility of reactivating the nitrate wellhead treatment system. Install proper controls and upgrade piping and instrumentation.	\$1,000,000
	14	C	253705	EASTERN MWD	3310009 07	Construct a 1.0 MG finished water tank.	\$500,000
	14	C	253705	EASTERN MWD	3310009 08	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	\$500,000
	14	C	253705	EASTERN MWD	3310009 15	Construct a 3.4 MG finished water tank.	\$2,730,800
	14	C	253705	EASTERN MWD	3310009 22	Develop an annual program for replacements of these pipeline and valves.	\$500,000
	14	C	253705	EASTERN MWD	3310009 27	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$630,000
	14	C	253705	EASTERN MWD	3310009 28	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$936,000
	14	C	253705	EASTERN MWD	3310009 29	Install cathodic protection and bond all pipe joints.	\$778,600

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	253705	EASTERN MWD	3310009	30	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$991,000
	14	C	253705	EASTERN MWD	3310009	31	Install cathodic protection on this pipeline.	\$123,000
	14	C	253705	EASTERN MWD	3310009	32	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$296,000
	14	C	253705	EASTERN MWD	3310009	33	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$381,000
	14	C	253705	EASTERN MWD	3310009	34	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$710,000
	14	C	253705	EASTERN MWD	3310009	35	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$911,000
	14	C	253705	EASTERN MWD	3310009	09	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	\$500,000
	14	C	253705	EASTERN MWD	3310009	23	Develop an annual program for replacements of these pipeline and valves.	\$500,000
	14	C	253705	EASTERN MWD	3310009	48	Replace existing CML&C pipeline with PVC and where necessary upgrade undersized pipe.	\$360,000
	14	C	253705	EASTERN MWD	3310009	49	Replace these CML&C pipes with PVC and where necessary upgrade undersized pipe.	\$172,000
	14	C	253705	EASTERN MWD	3310009	50	Replace leaky section of CML&C pipe with PVC.	\$1,020,000
	14	C	253705	EASTERN MWD	3310009	10	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	\$500,000
	14	C	253705	EASTERN MWD	3310009	24	Develop an annual program for replacements of these pipeline and valves.	\$500,000
	14	C	253705	EASTERN MWD	3310009	11	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	\$500,000
	14	C	253705	EASTERN MWD	3310009	25	Develop an annual program for replacements of these pipeline and valves.	\$500,000
	14	C	253705	EASTERN MWD	3310009	12	Develop an annual program to interconnect these two systems, provide looping where possible, and reduce dead-end pipelines.	\$500,000
	14	C	253705	EASTERN MWD	3310009	26	Develop an annual program for replacements of these pipeline and valves.	\$500,000
	14	C	225000	Contra Costa Water District	0710003	03	Construction of a new 48-inch diameter pipeline parallel to the existing pipeline and a new inlet structure.	\$1,700,000
	14	C	225000	Contra Costa Water District	0710003	06	Plan, design and construct structural improvements.	\$7,000,000
	14	C	225000	Contra Costa Water District	0710003	07	Nineteen storage projects will be implemented over a ten year period to serve existing customers.	\$40,600,000
	14	C	225000	Contra Costa Water District	0710003	08	Replace mains on a prioritized basis.	\$2,000,000
	14	C	225000	Contra Costa Water District	0710003	15	Replace existing pipes which experience significant leak repair incidents; or undersized fire flow and distribution capacity; relocation of existing pipelines as legally required.	\$9,844,000
	14	C	192000	City of Huntington Beach	3010053	01	Water main replacement projects to replace old and deficient pipelines at various locations throughout the City.	\$2,000,000
	14	C	192000	City of Huntington Beach	3010053	03	Installation of water treatment facilities at these well sites (possibly ozone or RO systems) should reduce or eliminate these problems.	\$5,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	192000	City of Huntington Beach	3010053 04	To construct emergency back-up systems for Well nos. : 5, 6, 9, 10, and 1. Also Emergency generator for Dyke Well(electric well)	\$400,000
	14	C	192000	City of Huntington Beach	3010053 05	Construct flouridation system for two of the facilities (No 9 and No 44) and modify the existing facility (No35) to meet current requirements.	\$600,000
	14	C	192000	City of Huntington Beach	3010053 06	To develop additional reservoir facilities City-wide to make up the shortage of water storage capacity. This project will add approximately 10.4 million gall. of storage capacity, booster pump connection to the transmission main at a new reservoir si	\$10,000,000
	14	C	192000	City of Huntington Beach	3010053 07	Undertake structural improvements to bring the facility up to seismic standards.	\$3,000,000
	14	C	192000	City of Huntington Beach	3010053 08	Modify the existing facilities and systems to meet code requirements and the City's standardized system wide chlorination requirements for existing and new facilities.	\$900,000
	14	C	192000	City of Huntington Beach	3010053 09	Construct a replacement well facility . Proposed Well No. 12 is located in the vicinity of Peck Reservoir, where it is anticipated the water will be stored.	\$2,000,000
	14	C	177961	Marin Municipal Water District	2110002 02	Replace floating cover and configuration.	\$1,000,000
	14	C	177961	Marin Municipal Water District	2110002 01	replace any average two tanks a year. With other types of storage,	\$3,000,000
	14	C	165000	CASTAIC LAKE WATER AGENCY	1910048 03	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE EASTERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	\$20,000,000
	14	C	165000	CASTAIC LAKE WATER AGENCY	1910048 04	CONSTRUCT A NEW PIPELINE CONNECTING THE EXISTING SURFACE WATER DISTRIBUTION SYSTEM TO THE SOUTHERN PORTION OF OUR SERVICE AREA, FACILITATING THE BLENDING OF TREATED SURFACE WATER WITH THE GROUNDWATER SUPPLY.	\$3,500,000
	14	C	159409	SCWC - SOUTHWEST	1910155 01	REPLACE WATER MAINS IN CRITICAL AREAS.	\$3,575,000
	14	C	159409	SCWC - SOUTHWEST	1910155 05	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER	\$1,000,000
	14	C	159409	SCWC - SOUTHWEST	1910155 06	INSTALL CHLORINATION TURNOUTS AT 12 MWD CONNECTIONS	\$180,000
	14	C	159409	SCWC - SOUTHWEST	1910155 07	CEMENT LINING WATER MAINS IN CRITICAL AREAS	\$1,000,000
	14	C	159409	SCWC - SOUTHWEST	1910155 08	INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	\$1,100,000
	14	C	159409	SCWC - SOUTHWEST	1910155 14	EQUIP THE WELL, INSTALL REMOVAL TREATMENT OR DRILL A NEW WELL AT A DIFFERENT SITE	\$1,100,000
	14	C	155000	PASADENA-CITY, WATER DEPT.	1910124 01	REPLACE WITH A NEW, BURIED, POST-TENSIONED 7.5 MG CONCRETE RESERVOIR AND MAKE NECESSARY CHANGES TO THE DISTRIBUTION SYSTEM AT THE RESERVOIR SITE.	\$5,500,000
	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 05	REPLACEMENT OF THE 0.4MG TANK WITH A 1.5 MG RESERVOIR (RESERVOIR 1B).	\$510,000
	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 07	INSTALL GAC TREATMENT VESSEL	\$100,000
	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 06	DRILL A NEW HIGH CAPACITY WELL FROM DEEPER AQUIFER	\$350,000
	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 04	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	\$1,200,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 02	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	\$1,200,000
	14	C	152820	CAL. WATER SERVICE CO.- EAST L.A.	1910036 01	CONSTRUCT A TREATMENT AND/OR BLENDING FACILITY	\$1,200,000
	14	C	151064	SAN GABRIEL VALLEY WATER CO.-EL MON	1910039 01	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE NORTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	\$1,250,000
	14	C	151064	SAN GABRIEL VALLEY WATER CO.-EL MON	1910039 02	CONSTRUCT PIPELINE TO TRANSPORT AN INTERIM WATER SUPPLY FROM THE WESTERN PORTION TO THE SOUTHEASTERN PORTION OF THE COMPANY'S SERVICE AREA.	\$850,000
	14	C	151064	SAN GABRIEL VALLEY WATER CO.-EL MON	1910039 03	CONSTRUCT TREATMENT FACILITY USING AIR STRIPPING TECHNOLOGY	\$1,000,000
	14	C	151064	SAN GABRIEL VALLEY WATER CO.-EL MON	1910039 04	CONSTRUCT TREATMENT FACILITY USING ION EXCHANGE (FOR NITRATE) AND AIR STRIPPING (FOR TCE) TECHNOLOGIES	\$3,500,000
	14	C	142000	Oceanside - City of	3710014 01	Construction of a 6.3 MGD desalting facility using RO.	\$7,500,000
	14	C	142000	Oceanside - City of	3710014 04	Galbar St. water line is the solution to alleviate low pressure problems and reduce the need for a pump station.	\$500,000
	14	C	142000	Oceanside - City of	3710014 05	Areas 4, 5, and 6 pipeline replacement with larger line and modern materials will eliminate the fire flow and leakage problems.	\$850,000
	14	C	142000	Oceanside - City of	3710014 02	Design and construction of replacement water lines in Areas 1 and 13 to increase size upgrade materials.	\$1,300,000
	14	C	137738	SAN BERNARDINO CITY	3610039 02	Construct 4000 ft Devore transmission main to replace existing 16 inch line built in 1940	\$315,000
	14	C	137738	SAN BERNARDINO CITY	3610039 04	Replace 20 inch Baseline main with 36 inch	\$950,000
	14	C	137738	SAN BERNARDINO CITY	3610039 05	Replace 12 inch 'E' Street main with 24 inch	\$240,000
	14	C	137738	SAN BERNARDINO CITY	3610039 06	Replace 12 inch Foothill Blvd main with 16 inch	\$450,000
	14	C	137738	SAN BERNARDINO CITY	3610039 07	Replace 16 inch Meridian main with 24 inch	\$750,000
	14	C	137738	SAN BERNARDINO CITY	3610039 08	Replace 16 inch Cajon Canyon well field line built in the 1920's with a 24 inch	\$750,000
	14	C	137738	SAN BERNARDINO CITY	3610039 10	Construct Scott Laboratories 4.5 MG reservoir	\$2,250,000
	14	C	137738	SAN BERNARDINO CITY	3610039 12	Construct 2 MG Ogdon reservoir	\$1,000,000
	14	C	131723	POMONA- CITY, WATER DEPT.	1910126 03	INSTALL AIR STRIPPERS	\$209,500
	14	C	131723	POMONA- CITY, WATER DEPT.	1910126 02	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	\$222,000
	14	C	131723	POMONA- CITY, WATER DEPT.	1910126 07	MANIFOLD PIPELINE WAS CONSTRUCTED TO GATHER NITRATE LADEN WATER FROM VARIOUS WELL SITES TO THE ANION EXCHANGE NITRATE REMOVAL FACILITY.	\$576,000
	14	C	131723	POMONA- CITY, WATER DEPT.	1910126 08	CONSTRUCT PIPELINE TO TAKE WATER FROM WELL SITE TO MEET MANIFOLD PIPELINE AND THEN TO ANION EXCHANGE NITRATE REMOVAL FACILITY	\$160,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	124400	Moulton Niguel Water District	3010073 05		\$2,500
	14	C	124400	Moulton Niguel Water District	3010073 08	Drill two wells to provide up to 2 cfs of water for health and safety demands during a long term outage.	\$2,300,000
	14	C	124400	Moulton Niguel Water District	3010073 01	Construct 100 million gallon drinking water storage facility	\$45,000,000
	14	C	124400	Moulton Niguel Water District	3010073 02	Replace easement pipelines with ductile iron pipe with restraint joints, increasing reliability.	\$3,000,000
	14	C	124400	Moulton Niguel Water District	3010073 03	Construction of a new 24" forcemain in a new safe location.	\$3,000,000
	14	C	124400	Moulton Niguel Water District	3010073 04	Constructing a new parallel sewer forceman in Crown Valley Parkway.	\$2,000,000
	14	C	124400	Moulton Niguel Water District	3010073 06	Construction of a new 16-inch parallel pipeline in Crown Valley Parkway.	\$4,000,000
	14	C	117420	City of Fullerton	3010010 02	Abandon this well and construct a new well and wellhead facilities at the same site or nearby.	\$1,600,000
	14	C	117420	City of Fullerton	3010010 08	The City is proposing to demolish the existing Hillcrest Reservoir and construct a new reservoir at the same site.	\$7,700,000
	14	C	117420	City of Fullerton	3010010 03	Design and construction of water mains .	\$1,075,500
	14	C	117420	City of Fullerton	3010010 05	Seal the lower well screens with concrete.	\$40,000
	14	C	117420	City of Fullerton	3010010 07	Pipeline replacement	\$8,063,750
	14	C	117420	City of Fullerton	3010010 04	Install two sections of 16-inch water main	\$1,060,000
	14	C	117420	City of Fullerton	3010010 06	Upgrade booster station at Lower Acacia Reservoir to provide required flow to upper regions of Zone 3. Add additional pump at Reservoir 2B to boost Zone 3 pressure during high demand times. Construct 5000 feet of 16 inch main in Brea Blvd.	\$804,000
	14	C	117420	City of Fullerton	3010010 01	Construct a new well an wellhead facilities (including treatment) in the North end of the City of Fullerton's service area	\$2,300,000
	14	C	116032	INGLEWOOD- CITY, WATER DEPT.	1910051 01	DEMOLISH THE EXISTING RESERVOIR AND RECONSTRUCT THREE 5.3 MG PRESTRESSED CONCRETE RESERVOIRS.	\$10,000,000
	14	C	110000	Escondido - City of	3710006 02	Design and construct replacement	\$1,750,000
	14	C	110000	Escondido - City of	3710006 05	Construct new reservoir (3 MG) and pipelines and booster PS.	\$3,100,000
	14	C	110000	Escondido - City of	3710006 06	Rehabilitate reservoir rather than new. Replace inlet/outlet lines.	\$750,000
	14	C	110000	Escondido - City of	3710006 01	Design and construct new 24" transmission main to reservoir.	\$2,750,000
	14	C	104517	Stockton, City of	3910012 03	Pipeline connecting the City of Stockton South to Stockton East Water District Surface Water Treatment Plant	\$4,950,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 01	Construct treatment facility	\$2,500,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 02	Construct additional transmission line with intertie to adjacent utility	\$1,250,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 05	Construct treatment facility	\$2,500,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 06	Construct treatment facility	\$2,500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041	07	Construct treatment facility	\$2,000,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041	08	Construct treatment facility	\$2,000,000
	14	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041	09	Construct treatment facility	\$2,000,000
	14	C	102000	TORRANCE-CITY, WATER DEPT.	1910213	01	Construct a new above-grade pumping station that complies with current OSHA safety requirements and provides more groundwater pumping capacity. Project involves: Design, and Construction	\$1,240,000
	14	C	102000	TORRANCE-CITY, WATER DEPT.	1910213	04	Institute a phased pipeline improvement program to replace pipelines having a history of frequent breaks, are beyond their useful life or are failing due to other external factors such as ccorrosive soils. Project involves: Design, and Construction	\$13,208,000
	14	C	100000	AZUSA LIGHT AND WATER	1910008	04	Repair approx. 325 linear feet of cracks in the reservoir wall. Sandblast interior walls - Sandblast exterior surface and apply new stucco coat.	\$180,000
	14	C	100000	AZUSA LIGHT AND WATER	1910008	07	Install transfer switches for all active wells and electric booster pumps.	\$130,000
	14	C	98930	CWS Salinas	2710010	01	Install GAC treatment.	\$400,000
	14	C	98930	CWS Salinas	2710010	02	Design and construct treatment facilities.	\$1,500,000
	14	C	98930	CWS Salinas	2710010	03	Design and construct treatment facilities.	\$1,500,000
	14	C	98300	City of Santa Clara	4310012	01	Demolish and reconstruct 11 well heads.	\$1,275,000
	14	C	98300	City of Santa Clara	4310012	02	Purchase and install ground motion sensors and motor activated valves at seven tank outlets. This will include ancillary pipe reconstruction and SCADA expansion.	\$1,050,000
	14	C	97000	Mesa Consolidated WD	3010004	01	Construction of a treatment facility which treats this water with ozone and micorfiltration to meet standards.	\$16,000,000
	14	C	97000	Mesa Consolidated WD	3010004	02	Replace ozone generators and Contractors.	\$1,500,000
	14	C	97000	Mesa Consolidated WD	3010004	04	Replace it with a new well producing clear water	\$500,000
	14	C	97000	Mesa Consolidated WD	3010004	05	Replace 8" line on 18th Street.	\$520,000
	14	C	97000	Mesa Consolidated WD	3010004	06	Replacement of main.	\$500,000
	14	C	97000	Mesa Consolidated WD	3010004	07	Replace 12" line on 19th street.	\$1,200,000
	14	C	97000	Mesa Consolidated WD	3010004	08	Replace 16" line on Placentia	\$1,960,000
	14	C	97000	Mesa Consolidated WD	3010004	09	Replace 12" line on Adams	\$1,260,000
	14	C	97000	Mesa Consolidated WD	3010004	10	Replace 16" line on Baker	\$2,760,000
	14	C	97000	Mesa Consolidated WD	3010004	11	Installation of bypass meters to those customers who should not have their service interrupted.	\$500,000
	14	C	97000	Mesa Consolidated WD	3010004	13	Replacement of the main	\$40,000
	14	C	97000	Mesa Consolidated WD	3010004	14	Replace 12" line on Fairview	\$810,000
	14	C	97000	Mesa Consolidated WD	3010004	15	Replace 18" line on Fairview	\$1,957,500
	14	C	97000	Mesa Consolidated WD	3010004	16	Replace 8" line on Fairview.	\$90,000
	14	C	97000	Mesa Consolidated WD	3010004	17	Replace the 8" line on Fairview	\$80,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	97000	Mesa Consolidated WD	3010004 18	Replace 4" line on Gisler	\$172,500
	14	C	97000	Mesa Consolidated WD	3010004 19	Replace 12" line on Harbor Blvd	\$3,180,000
	14	C	97000	Mesa Consolidated WD	3010004 20	Replacement of the main	\$500,000
	14	C	97000	Mesa Consolidated WD	3010004 21	Replace 6" line on Meyer	\$397,500
	14	C	97000	Mesa Consolidated WD	3010004 22	Replace 12" line on Monterey	\$285,000
	14	C	97000	Mesa Consolidated WD	3010004 23	Construct a 6" tie in line at Pamela and Wilson.	\$15,000
	14	C	97000	Mesa Consolidated WD	3010004 24	Replace the 14" line on Placentia	\$1,645,000
	14	C	97000	Mesa Consolidated WD	3010004 26	Construction of 5 interies at 23rd and Newport , Kemp reservoir and Wilson, Santa Ana & Mesa, Santa Isabel & Tustin and Monte Vista & Santa Ana	\$200,000
	14	C	97000	Mesa Consolidated WD	3010004 27	Installations of a second service line off a second distribution main to allow for uninterrupted service.	\$325,000
	14	C	97000	Mesa Consolidated WD	3010004 28	Replace 10" line on Village	\$887,500
	14	C	97000	Mesa Consolidated WD	3010004 29	Replace the 8" line on Wallace	\$530,000
	14	C	97000	Mesa Consolidated WD	3010004 30	Installation of a storm drain on 23rd Street, and an overflow line from the reservoir.	\$3,000,000
	14	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070 03	CONSTRUCT 15,800' OF 36" WATER MAIN	\$4,300,000
	14	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070 04	CONSTRUCT A NEW WELL AND BLEND ITS WATER WITH THE SHUT DOWN WELLS INTO A NEW FOREBAY TANK	\$400,000
	14	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070 05	CONSTRUCT 2 NEW 500' WELLS NEAR EXISTING WELLS	\$816,000
	14	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070 06	CONSTRUCT 3 NEW 500' WELLS NEAR EXISTING WELLS	\$1,224,000
	14	C	96000	WALNUT VALLEY WATER DISTRICT	1910234 01	INSTALL NEW PIPING AND VALVES AT THE RESERVOIR SITES TO FORCE FLOW-THROUGH AND KEEP WATER FRESH	\$1,418,000
	14	C	96000	WALNUT VALLEY WATER DISTRICT	1910234 02	INSTALL CORRECTLY SIZED BLOW-OFF FACILITIES, REMOVE DEAD-END MAINS THAT SERVE NO PURPOSE.	\$348,000
	14	C	91000	CITY OF DOWNEY	1910034 01	Designed and constructed 12 inch water distribution mains.	\$414,529
	14	C	91000	CITY OF DOWNEY	1910034 02	Designed and constructed 12 inch water distribution mains.	\$42,100
	14	C	91000	CITY OF DOWNEY	1910034 03	Designed and constructed 12 inch water distribution mains.	\$223,263
	14	C	91000	CITY OF DOWNEY	1910034 04	Designed and constructed 12 inch water distribution mains.	\$121,851
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 01	DRILL A 2000 GPM REPLACEMENT WELL	\$975,000
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 03	PHASE 1 OF 3: CONSTRUCT A 1 MG CONCRETE RESERVOIR	\$950,000
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 02	DRILL A 3500 GPM WELL TO REPLACE LOST CAPACITY	\$990,000
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205 04	PHASE 2 OF 3: DEMOLITION OF THE EXISTING RESERVOIR AND CONSTRUCTION OF A NEW 2 MG CONCRETE RESERVOIR	\$980,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	05	PHASE 3 OF 3: SITE WORK SUCH AS DRIVEWAYS AND TREES TO COMPLETE PROJECT	\$350,000
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	06	PHASE 1 OF 2: DEMOLITION AND GRADING	\$700,000
	14	C	89591	SUBURBAN WATER SYSTEMS-SAN JOSE	1910205	07	PHASE 2 OF 2: CONSTRUCTION AND SITE WORK	\$900,000
	14	C	85000	PALMDALE WATER DIST.	1910102	01	Replace leased lines with broad-spectrum radio communication.	\$180,000
	14	C	85000	PALMDALE WATER DIST.	1910102	07	Enclose approximately 2000 feet of Palmdale Ditch between Barrel Springs Road and Palmdale Reservoir adjacent to existing development.	\$600,000
	14	C	85000	PALMDALE WATER DIST.	1910102	06	Enclose approximately 1000 feet of Palmdale Ditch adjacent to an existing trailer park. Project involves: Design to solve problem, and Construction	\$300,000
	14	C	84737	Southern Calif WC - West Orange	3010022	01	Study the need to install chloramination facilities.	\$85,000
	14	C	81000	Santa Margarita Water District	3010101	01	Design and construction of new wells, treatment facilities, storage tank and piping systems to serve public and private systems along upper San Juan Creek area.	\$6,460,000
	14	C	78120	City of Westminster	3010064	01	Install new 12" pipe to improve flow and loop the water system .	\$50,000
	14	C	78120	City of Westminster	3010064	06	Install a SCADA system to improve pressure system wide, accommodate MWD MWDOC and OCWD, and to assist in the "Seasonal Storage Program".	\$200,000
	14	C	78120	City of Westminster	3010064	13	Replace gaseous chlorine with on- site chlorine generating stations at 9 well sites and 2 pumping stations thus eliminating the accidental release of chlorine gas.	\$330,000
	14	C	78120	City of Westminster	3010064	03	Perform a seismic study of Reservoir 1 and Reservoir 2.	\$100,000
	14	C	78120	City of Westminster	3010064	10	Replace approx 18,380 feet of 4" water main lines with 8" water main lines to improve water flow and pressure.	\$2,678,877
	14	C	78120	City of Westminster	3010064	11	Replace 750 leaking and inoperable water main line valves over a five year period.	\$450,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	01	Replace mains with 8" D.I. and relocate to streets. Project involves: Design, and Construction	\$700,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	02	Replace mains with 8" D.I. Project involves: Design, and Construction	\$1,400,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	04	Design and construct 12 inch D.I., 10,000 feet, replacement pipeline in Long Beach Blvd.	\$1,600,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	05	Replace mains with 8" D.I. Project involves: Design and Construction	\$1,000,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	06	Replace main with 8" D.I. Project involves: Design and Construction	\$1,200,000
	14	C	74000	COMPTON-CITY, WATER DEPT.	1910026	07	Replace mains with 8" D.I. Project involves: Design and Construction	\$1,800,000
	14	C	72987	City of Mountain View	4310007	01	Construction of the wells.	\$1,100,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	72987	City of Mountain View	4310007 02	Design and construct two new wells and one new reservoir to meet demand.	\$110,000
	14	C	72987	City of Mountain View	4310007 03	Design and construction of well #21 for pressure zone 1 of water system.	\$375,000
	14	C	72987	City of Mountain View	4310007 06	Water main replacement throughout the water system.	\$13,900,000
	14	C	72987	City of Mountain View	4310007 07	Prepare environmental and construction documents to install a new 2.1 million gallon reservoir.	\$307,000
	14	C	72987	City of Mountain View	4310007 08	Construction of a new 2.1 million gallon reservoir.	\$2,200,000
	14	C	72987	City of Mountain View	4310007 11	Upgrading older, smaller diameter, and deteriorating mains from 1993-1996.	\$2,457,000
	14	C	72987	City of Mountain View	4310007 13	Installed automatic valves, a variable frequency drive, and a waste cycle at Well #9.	\$170,000
	14	C	72987	City of Mountain View	4310007 14	Design and construction of upgrade of Miramonte pump station.	\$852,000
	14	C	72987	City of Mountain View	4310007 15	Design and construction of upgrades of pump station - variable frequency drive motors, automated controls, standby power, etc.	\$1,749,000
	14	C	70700	Arcade WD - Town & Country	3410001 03	Install booster pump station and 5 mg reservoir. Involves design and construction.	\$3,000,000
	14	C	70700	Arcade WD - Town & Country	3410001 04	Install 7.2 mg water storage reservoir. Involves design and construction.	\$3,500,000
	14	C	70700	Arcade WD - Town & Country	3410001 01	Construct large diameter connecting and transmission mains to allow water to be moved throughout system. Involves design and construction.	\$14,200,000
	14	C	70650	CAL. WATER SERVICE CO-PALOS VERDES	1910104 01	DESIGN AND CONSTRUCT A SECOND LIFT TRANSMISSION MAIN TO PROVIDE GREATER RELIABILITY OF THIS COMMUNITY'S WATER SUPPLY.	\$3,200,000
	14	C	70500	Napa, City of	2810003 04	Construct new 4 MG treated water storage reservoir at the "A" tank site.	\$2,000,000
	14	C	70500	Napa, City of	2810003 03	Construct new 5 MG treated water reservoir at the Napa State Hospital site.	\$3,080,000
	14	C	66000	CITY OF LAKEWOOD	1910239 04	In 1997, the City replaced the mains and services to upgrade the water pressure and improve service to the customers.	\$130,700
	14	C	66000	Elsinore Valley MWD	3310012 05	See attached sheet	\$4,300,000
	14	C	66000	Elsinore Valley MWD	3310012 03	See attached sheet	\$2,850,000
	14	C	66000	CITY OF LAKEWOOD	1910239 02	Design and construct a replacement storage facility of similar capacity to the existing structure.	\$1,500,000
	14	C	64600	PARK WC - BELLFLOWER-NORWALK	1910211 01	Preliminary and final design and construction of replacement well.	\$1,180,000
	14	C	63000	BELLFLOWER-CITY, WATER DEPT.	1910206 01	IMPLEMENT MASTER PLAN'S PHASE I INCLUDING 6.0 MG RESERVOIR STORAGE AT CITY YARD, ADDITIONAL 450 HP OF PUMPING CAPACITY, NEW OPERATIONAL CONTROLS, AND METER/PRESSURE REDUCING VALVES.	\$4,500,000
	14	C	63000	BELLFLOWER-CITY, WATER DEPT.	1910206 02	IMPLEMENT MASTER PLAN'S PHASE II RECOMMENDATIONS INCLUDING 9.7 MG RESERVOIR STORAGE AND CONNECTION TO MWDSC.	\$6,200,000
	14	C	60000	HUNTINGTON PARK-CITY, WATER DEPT.	1910049 01	Design and construct replacement facilities. Develop a priority list.	\$17,000,000
	14	C	60000	LAS VIRGENES MWD	1910225 01	Evaluate the potential new pipe alignments and construct a permanent replacement pipeline. Project involves: Study, Design, and Construction	\$1,500,000
	14	C	60000	CASITAS MUNICIPAL WATER DIST	5610024 03	Coastal pipeline from a location near city of ventura, extending northward and connecting the coastal communities.	\$8,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	60000	CASITAS MUNICIPAL WATER DIST	5610024 01	Construction of a 2 MG water storage tank on the Rincon Main.	\$2,000,000
	14	C	60000	LAS VIRGENES MWD	1910225 02	Install approximately 4 - 5 miles of a replacement pipe in street right of way. Project involves: Study, Design, and Construction	\$4,500,000
	14	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 01	Install 3 generators to partially operate system when primary power gone.	\$670,000
	14	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 02	Build 3 reservoirs (total 8.7 million gallons) in 3 different pressure zones.	\$7,600,000
	14	C	57000	MONTEREY PARK-CITY, WATER DEPT.	1910092 03	Install SCADA system. Project involves: Design to solve problem and Construction	\$935,000
	14	C	56000	City of Palo Alto	4310009 01	Replace water mains.	\$2,200,200
	14	C	56000	City of Palo Alto	4310009 02	Extend a SCVWD line from Mt. View to Palo Alto along the Foothill Expressway.	\$3,000,000
	14	C	56000	City of Palo Alto	4310009 04	Install variable frequency drives and water treatment to connect wells to standby wells.	\$1,200,000
	14	C	56000	City of Palo Alto	4310009 05	Construct a new return pipe from Montbello reservoir to pressure zone 1.	\$2,000,000
	14	C	56000	City of Palo Alto	4310009 06	A two million gallon reservoir is needed to improve storage.	\$4,000,000
	14	C	56000	City of Palo Alto	4310009 08	Contract a new intertie to Hetch-Hetchy Division tubes 3 & 4 to add second feed into Hospital Zone.	\$1,800,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 01	Design and construct new chlorination systems and containment buildings.	\$225,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 02	Design and construct new piping to connect the affected Zone to the Morada Pressure Zone.	\$250,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 03	Design and construct one 3,000 gpm connection to the City of Azusa.	\$250,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 08	Construct a new 30 cfs MWD connection. Project involves: Design to solve problem, and Construction	\$300,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 04	Design and construct removal or blending facility for the Morada Well.	\$750,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 06	Construct new treatment facilities at each Well site to remove or blend nitrates, remove perchlorate, remove MtBE, and remove VOC's. Project involves: Study, Design, and Construction	\$1,000,000
	14	C	55000	VALLEY COUNTY WATER DIST.	1910009 07	Design and construct a new 3,500 gpm groundwater replacement well.	\$550,000
	14	C	55000	North Marin Water District	2110003 15	STUDY NEEDS, IMPLEMENT AS APPROPRIATE.	\$100,000
	14	C	54670	CWS Los Altos Suburban	4310001 01	Design and construct a nitrate treatment facility and appropriate piping system.	\$1,500,000
	14	C	54670	CWS Los Altos Suburban	4310001 02	Design and construct a nitrate treatment facility and appropriate piping system.	\$1,500,000
	14	C	52100	City of Tustin	3010046 01	Removing soil from the roof and installation a waterproof cement based slurry on the roof deck. The columns will be repaired by providing additional ties, vertical reinforcement and concrete cover around the columns. Ret.walls will be removed and rep	\$476,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	52100	City of Tustin	3010046 02	The City is proposing to construct a new concrete reservoir with a capacity of 7.0 MG	\$6,600,000
	14	C	52100	City of Tustin	3010046 04	Repairs will consist of installing a new top slab on the existing reservoir along with repairs to the columns and roof beams. A hypalon liner is proposed for the floor and side slopes of the reservoir after the existing roots have been removed and th	\$670,000
	14	C	51120	CALIFORNIA WATER SERVICE - LIVERMOR	0110003 01	Stations 10, 12, 17, and 19. Design and construct blending controls to assure proper operation of facilities, so that standards are met at all times.	\$120,000
	14	C	50820	El Toro Water District	3010079 04	Drilling wells and conveyance system	\$4,500,000
	14	C	50820	El Toro Water District	3010079 05	Replacement of floating cover	\$4,500,000
	14	C	50486	SCWC - SAN DIMAS	1910142 01	REPLACE UNDERSIZED MAINS OVER A 2 YEARS PERIOD	\$385,000
	14	C	50000	GLENDORA-CITY, WATER DEPT.	1910044 01	Utilize a VOC preliminary study to begin design and eventually construct a treatment facility to have the opportunity to pump from the main basin, offsetting import water costs. FY: 98/99 or 99/00	\$800,000
	14	C	50000	GLENDORA-CITY, WATER DEPT.	1910044 02	Replace the 20" line with a 30" Ductile Iron line with greater volume and pressure for fire protection as well as providing more well water and less reliance on import treated.	\$4,500,000
	14	C	49288	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 01	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	\$950,000
	14	C	49288	SUBURBAN WATER SYSTEMS-WHITTIER	1910174 02	PHASE 2 OF 2: CONSTRUCTION OF A NEW ROOF	\$550,000
	14	C	49000	CITY OF CHINO HILLS	3610036 01	Construct new 30 in mainline	\$1,000,000
	14	C	49000	CITY OF CHINO HILLS	3610036 03	Replace undersized transmission line	\$1,050,000
	14	C	49000	CITY OF CHINO HILLS	3610036 05	Construct 5 MG reservoir R21	\$2,500,000
	14	C	49000	CITY OF CHINO HILLS	3610036 06	Construct reservoir R23	\$1,125,000
	14	C	49000	CITY OF CHINO HILLS	3610036 10	Replace older transmission mains	\$625,000
	14	C	49000	CITY OF CHINO HILLS	3610036 11	Drill 8 to 14 new wells	\$5,390,000
	14	C	49000	CITY OF CHINO HILLS	3610036 12	Construct new 24inch main in Central Ave to increase capacity	\$775,000
	14	C	49000	CITY OF CHINO HILLS	3610036 13	Construct new main to Reservoir R-19 and R-20	\$475,000
	14	C	49000	CITY OF CHINO HILLS	3610036 22	Modify booster B-1	\$1,500,000
	14	C	49000	CITY OF CHINO HILLS	3610036 23	Expand boosters B-5 and B-6 for backup capacity	\$750,000
	14	C	49000	CITY OF CHINO HILLS	3610036 24	Expand booster B-9 for backup capacity	\$1,000,000
	14	C	49000	VICTOR VALLEY WATER DISTRICT	3610052 01	Construct needed facilities to ensure compliance with Waterworks Standards.	\$2,900,000
	14	C	49000	CITY OF CHINO HILLS	3610036 08	Construct new booster station to supply R21	\$1,000,000
	14	C	49000	CITY OF CHINO HILLS	3610036 14	Construct new main to Reservoir R-23	\$65,000
	14	C	49000	CITY OF CHINO HILLS	3610036 16	Construct new 24inch transmission line Schaefer Ave	\$700,000
	14	C	49000	CITY OF CHINO HILLS	3610036 09	Construct new booster station B-11	\$3,125,000
	14	C	49000	CITY OF CHINO HILLS	3610036 15	Construct 2 MG reservoir R22	\$1,125,000
	14	C	49000	CITY OF CHINO HILLS	3610036 17	Modify existing booster station B-7	\$1,625,000



Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	49000	CITY OF CHINO HILLS	3610036	19	Upgrade Carbon Cyn PRV	\$125,000
	14	C	49000	CITY OF CHINO HILLS	3610036	18	Loop mainlines	\$280,000
	14	C	49000	CITY OF CHINO HILLS	3610036	20	Loop mainlines	\$160,000
	14	C	49000	CITY OF CHINO HILLS	3610036	21	Construct new main to supply R-22	\$45,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	01	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DARWELL SITE.	\$300,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	02	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT BISSELL SITE.	\$300,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	03	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT HOFFMAN SITE.	\$300,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	04	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT WATSON SITE.	\$300,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	05	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT GAGE SITE.	\$300,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	06	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$320,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	07	REPLACE WATER MAINS IN CRITICAL AREAS	\$700,000
	14	C	48500	SCWC - BELL, BELL GARDENS	1910011	08	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$15,000
	14	C	48418	RIALTO-CITY	3610038	01	Construct new reservoir	\$6,000,000
	14	C	45000	San Juan Suburban Water District	3410021	02	Install a 12-inch pipeline up to the tank and refurbish the existing tank, which belongs to a neighboring water agency. The neighboring water agency does not use the tank and they have agreed to let SJWD use it. Also requires four new 60 hp pumps.	\$500,000
	14	C	45000	MONTE VISTA CWD	3610029	01	Recharge basin with low nitrate water using injection wells	\$920,000
	14	C	45000	MONTE VISTA CWD	3610029	03	Recharge basin with low nitrate water using injection wells	\$700,000
	14	C	45000	MONTE VISTA CWD	3610029	04	Construct Plant 17 blending station	\$276,000
	14	C	45000	MONTE VISTA CWD	3610029	05	Construct Plant 4 blending station	\$62,000
	14	C	45000	MONTE VISTA CWD	3610029	07	Replace mainline Phase I	\$410,000
	14	C	45000	MONTE VISTA CWD	3610029	02	Recharge basin with low nitrate water using injection wells	\$700,000
	14	C	45000	MONTE VISTA CWD	3610029	08	Replace mainline Phase II	\$2,200,000
	14	C	45000	West Sacramento, City of	5710003	09	Install two booster stations and hydropneumatic tanks and water main. Involves design and construction.	\$990,000
	14	C	45000	MONTE VISTA CWD	3610029	09	Replace mainline Phase III	\$2,200,000
	14	C	45000	MONTE VISTA CWD	3610029	10	Replace mainline Phase IV	\$2,200,000
	14	C	45000	MONTE VISTA CWD	3610029	11	Replace mainline Phase V	\$2,200,000
	14	C	44917	SUBURBAN WATER SYSTEMS- LA MIRADA	1910059	01	PHASE 1 OF 2: DEMOLITION AND PREPARATION WORK	\$850,000
	14	C	44917	SUBURBAN WATER SYSTEMS- LA MIRADA	1910059	02	PHASE 2 OF 2: REPLACE ROOF	\$850,000
	14	C	44725	PORTERVILLE, CITY OF	5410010	02	INTERTIE WITH AIRPORT WATER SYSTEM WITH MAIN CITY SYSTEM ALLOWING AIRPORT WATER WELL TO SUPPLEMENT CITY SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$330,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	44725	PORTERVILLE, CITY OF	5410010 03	DESIGN AND INSTALL 3 MG STORAGE TANK - BOOSTER PUMP AND MAIN LINES. OTHER - DESIGN AND CONSTRUCTION.	\$3,000,000
	14	C	44725	PORTERVILLE, CITY OF	5410010 04	DESIGN AND INSTALL TEN STAND-BY ENGINES AND ALTERNATE FUEL SUPPLY SYSTEMS. OTHER - DESIGN AND CONSTRUCTION	\$1,500,000
	14	C	44725	PORTERVILLE, CITY OF	5410010 05	DESIGN AND INSTALL WATER MAINS IN R/W, RESERVE CUSTOMERS FROM FRONT YARD SERVICES. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	14	C	43000	CITY OF COLTON	3610014 08	Construct 2 MG reservoir	\$2,025,000
	14	C	43000	CITY OF COLTON	3610014 09	Construct 3 MG reservoir, transmission lines	\$2,775,000
	14	C	43000	CITY OF COLTON	3610014 10	Replace 38k ft of line	\$2,790,000
	14	C	43000	CITY OF COLTON	3610014 11	Replace and resize lines	\$800,000
	14	C	42500	SAN LUIS OBISPO WATER DEPARTMENT	4010009 03	Install operable gates in existing spillway at Salinas Dam to increase storage capacity	\$16,200,000
	14	C	42000	CAL. AMERICAN WATER CO.- SAN MARINO	1910139 01	(See attached description, design report, and preliminary plans and specifications).	\$600,000
	14	C	42000	Olivenhain MWD	3710029 01	Olivinahain has completed all environmental studies and received all state and federal permits for 82 MGD plant. Pilot studies shall be commenced in early summer of 1997.	\$30,000,000
	14	C	42000	CAL. AMERICAN WATER CO.- SAN MARINO	1910139 02	Design and construct GAC treatment plant and all other appurtenant piping and equipment.	\$850,000
	14	C	41840	Southern CA Water Co - Cordova Wate	3410015 01	Install automation and telemetry at Kilgor and El Segundo Wells.	\$20,000
	14	C	40000	HANFORD, CITY OF	1610003 02	DEVELOP NEW DEEP WELL USING ZONES WITH LOW ARSENIC LEVELS.	\$750,000
	14	C	40000	Soquel Creek Water District	4410017 01	Projects were constructed after 7/93--design and permit costs came before 7/93.	\$4,000,000
	14	C	40000	Soquel Creek Water District	4410017 10	Install reservoir - 50,000 gallon welded steel tank.	\$900,000
	14	C	40000	Soquel Creek Water District	4410017 11	Replace reservoir with 500,000 gallon steel reservoir at Vista Del Mar Site.	\$520,000
	14	C	40000	Soquel Creek Water District	4410017 17	Replace pipes.	\$819,300
	14	C	40000	Soquel Creek Water District	4410017 18	Replace problem pipes.	\$1,440,000
	14	C	40000	Soquel Creek Water District	4410017 20	Replace pipes.	\$2,553,800
	14	C	40000	Soquel Creek Water District	4410017 21	Replace pipes.	\$866,400
	14	C	40000	Soquel Creek Water District	4410017 25	Replace pipes.	\$2,011,400
	14	C	40000	Soquel Creek Water District	4410017 19	Replace distribution pipes.	\$735,700
	14	C	40000	Soquel Creek Water District	4410017 22	Replace pipes.	\$1,989,000
	14	C	40000	Soquel Creek Water District	4410017 23	Replace pipes.	\$2,186,000
	14	C	40000	Soquel Creek Water District	4410017 16	Replace pipes.	\$2,021,400
	14	C	40000	Soquel Creek Water District	4410017 24	Replace pipes.	\$957,800
	14	C	39000	City of San Bruno	4110023 03	Upgrade the existing dome ring with high strength threadbars and floating anchors placed outside the existing dome ring. Upgrade wall prestressing, Rehabilitate the footing base connected to withstand seismic loads.	\$487,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	39000	City of San Bruno	4110023 07	Purchase five trailer mounted portable diesel powered electrical generators that would be stationed at each well head.	\$300,000
	14	C	38754	CAMARILLO WATER DEPT	5610019 03	Construct a 4 MG water storage reservoir which will provide peak storage capacity for pressure zones 1 and 2.	\$4,804,000
	14	C	38700	Carmichael Water District	3410004 06	Install vents, paint and coat reservoir.	\$600,000
	14	C	38700	Carmichael Water District	3410004 02	Replace 35 miles of water main. Involves design and construction.	\$17,000,000
	14	C	38000	Los Alisos Water District	3010091 02	By equipping water wells with emergency power receptacles , portable generators could safely supply electrical power to the wells, which are the Districts only alternative to imported water.	\$100,000
	14	C	38000	Los Alisos Water District	3010091 03	Development of water supplies within LAWD , i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS for the purpose of providing a water supply for emergency use.	\$500,000
	14	C	38000	Los Alisos Water District	3010091 04	Development of water supplies within LAWD i.e. water wells would reduce the reliance on a single source of water. LAWD is continuing to construct wells in cooperation with DHS.	\$550,000
	14	C	38000	Los Alisos Water District	3010091 05	Install emergency power generators at District's two key pump stations to move water from the LAWD emergency storage reservoirs to the upper hydraulic zones.	\$200,000
	14	C	38000	Los Alisos Water District	3010091 06	A study would have to be performed to determine the most efficient method of retrofitting the Baker Filtration Plant so that raw water could be treated to domestic quality meeting HD Standards.	\$2,000,000
	14	C	37670	North Coast County Water Dist	4110025 01	Replace wooden tank with new steel .	\$818
	14	C	37670	North Coast County Water Dist	4110025 04	Abandon tank and construct ne waterline to serve area.	\$250,000
	14	C	37670	North Coast County Water Dist	4110025 02	Construct intertie with the City of San Bruno which will be second source of supply.	\$3,125,000
	14	C	37670	North Coast County Water Dist	4110025 03	Construct loof to bring second supply line to this area.	\$425,000
	14	C	36600	SCWC - CULVER CITY	1910030 01	CONSTRUCT A NEW WELL IN A UNCONTAMINATED AQUIFER. STUDY WATER QUALITY TO DETERMINE POTENTIAL NEED FOR TREATMENT.	\$1,000,000
	14	C	36600	SCWC - CULVER CITY	1910030 02	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$320,000
	14	C	36600	SCWC - CULVER CITY	1910030 03	REPLACE WATER MAINS IN CRITICAL AREAS	\$700,000
	14	C	36600	SCWC - CULVER CITY	1910030 04	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$45,000
	14	C	36000	SCWC - ARTESIA	1910004 04	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$400,000
	14	C	36000	SCWC - ARTESIA	1910004 05	REPLACE WATER MAINS IN CRITICAL AREAS	\$800,000
	14	C	36000	SCWC - ARTESIA	1910004 06	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$30,000
	14	C	36000	SCWC - FLORENCE/GRAHAM	1910077 01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$320,000
	14	C	36000	SCWC - FLORENCE/GRAHAM	1910077 02	REPLACE WATER MAINS IN CRITICAL AREAS	\$500,000
	14	C	36000	SCWC - FLORENCE/GRAHAM	1910077 03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$45,000
	14	C	35000	Jurupa CSD	3310021 01	Construct 2 MG welded steel water storage facilities at Jurupa Community Services District's 980' PZ storage tank site.	\$940,000
	14	C	35000	Jurupa CSD	3310021 02	Drill a municipal well that will yield 1,300 gpm and connect into the District's San Sevaie Way Pipeline..	\$500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	35000	Jurupa CSD	3310021 03	Replace piplines as shown on Figure 1 (see attached documents).	\$458,000
	14	C	35000	Jurupa CSD	3310021 04	Construct a 12" CML/CMC from the District's Bain St. pipeline along Mission Blvd. To Avon St. (Figure 1).	\$650,000
	14	C	35000	Jurupa CSD	3310021 05	Ion exchange treatment of groundwater supplies. (see attached report)	\$2,000,000
	14	C	35000	Jurupa CSD	3310021 06	Convert two wells used by Space Center Mira Loma, Inc. to municipal purposes.	\$600,000
	14	C	35000	Jurupa CSD	3310021 07	Construct the Riverside North Groundwater Basin Project (see attached report).	\$5,400,000
	14	C	34028	SCWC - CLAREMONT	1910024 01	REPLACE OR ABANDON UNDERSIZED MAINS OVER A 2 YEAR PERIOD	\$300,000
	14	C	34000	YUCAIPA VALLEY WD ID-A&2	3610055 01	Replace mainline	\$1,000,000
	14	C	34000	YUCAIPA VALLEY WD ID-A&2	3610055 02	Replace mainline	\$639,450
	14	C	34000	YUCAIPA VALLEY WD ID-A&2	3610055 03	Drill new well in Wilson Creek area	\$425,000
	14	C	33765	CAL. CITIES - ORCUTT	4210016 06	Replace 2400 feet of water main.	\$154,000
	14	C	33500	SCWC - NORWALK	1910098 01	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT DACE SITE.	\$300,000
	14	C	33500	SCWC - NORWALK	1910098 02	INSTALL PAT OR GAC FACILITIES FOR VOC REMOVAL AT IMPERIAL SITE.	\$300,000
	14	C	33500	SCWC - NORWALK	1910098 03	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$320,000
	14	C	33500	SCWC - NORWALK	1910098 04	REPLACE WATER MAINS IN CRITICAL AREAS	\$600,000
	14	C	33500	SCWC - NORWALK	1910098 05	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$30,000
	14	C	32000	CRESCENTA VALLEY CWD	1910028 01	Rehabilitation of the 13 reservoirs. Project involves: Design, and Construction	\$2,416,695
	14	C	32000	CRESCENTA VALLEY CWD	1910028 04	Replace the existing 11 wells with up to 16 new wells of moderm design and construction to replace existing production.	\$11,069,460
	14	C	31220	Estero Muni Improvement Dist	4110021 01	Desgin and Construct alternative water supply main to redundant SFWD supply.	\$20,000,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 01	Replace mainline	\$1,000,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 05	Design new reservoir	\$400,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 08	Construct new booster facility	\$200,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 02	Replace mainline	\$1,000,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 03	Construct new well	\$200,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 06	Construct new reservoir	\$800,000
	14	C	30310	APPLE VALLEY RANCHOS WC	3610003 04	Construct new well	\$800,000
	14	C	30000	BELLFLOWER - SOMERSET MWC	1910013 02	Acquire other adjoining system in the city and create one looping waterworks system.	\$13,357,700
	14	C	29700	INDIAN WELLS VALLEY W.D.	1510017 02	INSTALL NEW PIPELINES IN THE EASTERN PORTION AND CONSTRUCTION A STORAGE TANK IN THIS AREA. OTHER -DESIGN AND CONSTRUCTION	\$11,975,000
	14	C	29500	Capistrano Valley WD	3010030 01	Construct 2 MG demineralization plant, well field & transmission piping.	\$14,000,000
	14	C	29500	Capistrano Valley WD	3010030 02	Construct new well in Trabuco Creek (North) area of District.	\$276,000
	14	C	29500	Capistrano Valley WD	3010030 03	Construct 2 MG reservoir and transmission main to link into distribution system.	\$1,815,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	28310	City of Santa Paula	5610011 01	Design & construct 9,000 lineal feet of 8 inch dist. Mains, including services, hydrants, air/vac valves, blowoffs, contract mgmnt./inspection services. Can be ready to construct July 1998.	\$842,400
	14	C	28310	City of Santa Paula	5610011 06	Purchase propoert, design, construct and inspect construction of a 2.75 MG reservoir in the 200 Pressure Zone.	\$2,200,000
	14	C	28310	City of Santa Paula	5610011 07	Purchase property, design, construct, and inspect construction of a 0.50 MG reservoir in the 400 East Zone.	\$400,000
	14	C	28310	City of Santa Paula	5610011 02	Design & construct 9,000 lineal ft. of 8 inch distr. Main including services, hydrants, air/vac valves, blowoffs & contract mgmnt./inspection services.	\$842,400
	14	C	28310	City of Santa Paula	5610011 08	Purchase property, design,construct and inspect construction of a 0.25 MG reservoir in the 400 East Zone.	\$200,000
	14	C	28310	City of Santa Paula	5610011 03	Design & construct 9,000 lineal feet of 8 inch distribution main, including services, hydrants, air/vac valves, blowoffs & contract mgmnt.	\$842,400
	14	C	28310	City of Santa Paula	5610011 04	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac valves, bklowoffs & contract mgmnt.	\$842,400
	14	C	28310	City of Santa Paula	5610011 05	Design & construct 9,000 lineal feet of 8 inch dist. Mains including services, hydrants, air/vac, blowoffs & contract mgmnt.	\$842,400
	14	C	28000	COVINA IRRIGATION CO.	1910128 01	REPLACE ENTIRE SECTION ALONG THE PUBLIC RIGHT OF WAY	\$800,000
	14	C	28000	COVINA IRRIGATION CO.	1910128 03	DETERMINE COURSE OF ACTION ( ie. ENCASE OR REROUTE CONDUIT; DESIGN AND CONSTRUCT)	\$5,000,000
	14	C	28000	COVINA IRRIGATION CO.	1910128 04	REROUTE FLOW THROUGH AN ENCLOSED GRAVITY PIPELINE	\$3,000,000
	14	C	28000	COVINA IRRIGATION CO.	1910128 05	BUILD A NITRATE TREATMENT AND BRINE DISPOSAL FACILITY TO TREAT MORE THAN ONE WELL AT THE FACILITY	\$4,000,000
	14	C	27726	SO CA WATER CO - BARSTOW	3610043 01	Replace mainline	\$100,000
	14	C	27700	City of Burlingame	4110003 01	Contract an 8 mile pipe line connecting the 3 cities to the Harry Tracy WTP. Combine storage form 12 MG to 23 MG. Storage capacity would meet DOHS -8 - hour demand requirement.	\$15,000,000
	14	C	26800	City of Benicia	4810001 01	Install booster pump to cycle reservoir contents and repair roof.	\$267,500
	14	C	26800	City of Benicia	4810001 03	Perform seismic and coating evaluation, design and construct improvements.	\$200,000
	14	C	26800	City of Benicia	4810001 15	Corrosion survey of entire pipeline and repairs to Cordelia pipeline.	\$115,000
	14	C	26800	City of Benicia	4810001 20	Structural and seismic improvements to the tower will be designed and constructed.	\$260,000
	14	C	26800	City of Benicia	4810001 19	Design and install permanent emergency power facilities at Rose Drive Pump station.	\$100,000
	14	C	26800	City of Benicia	4810001 09	Design and construction of pump station improvements to increase capacity and increase reliability.	\$620,000
	14	C	26800	City of Benicia	4810001 10	Design and construction of a 2,000 foot long, 24 inch pipeline in Bayshore Road to parallel the existing pipeline.	\$710,000
	14	C	26800	City of Benicia	4810001 08	Design and install integrated SCADA/telemetry system for the pump station and WTP/	\$915,000
	14	C	26800	City of Benicia	4810001 11	Design and construction of new pump station with additional capacity and reliability improvements.	\$1,225,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	26800	City of Benicia	4810001 12	DESIGN AND CONSTRUCTION OF A NEW 24 INCH PIPELINE AND OTHER MODIFICATIONS TO EXTEND ZONE II TO THE WEST TO SERVICE THE AREA.	\$710,000
	14	C	26800	City of Benicia	4810001 17	Replace pipelines with new ductile iron pipe to bolster the distribution system.	\$1,029,000
	14	C	26100	PARK WC - COMPTON	1910021 01	Final design of well head and construction of well head. Project involves: Design, and Construction	\$1,180,000
	14	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 04	ERECT A TEMPORARY 0.1 MG TANK, REMOVE THE EXISTING RESERVOIR, AND CONSTRUCT A NEW 0.250 MG RESERVOIR.	\$800,000
	14	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204 07	INSTALL PERMANENT EMERGENCY BACK-UP GENERATORS TO KEEP OUR TWO MAJOR PUMP STATIONS OPERATIONAL DURING POWER OUTAGES.	\$600,000
	14	C	25098	City of Seal Beach	3010041 02	Upgrade 4 well sites using containment or on site chlorination.	\$300,000
	14	C	25098	City of Seal Beach	3010041 01	Replace water lines with pvc and resilient wedge gate valves.	\$1,428,000
	14	C	25000	Rubidoux CSD	3310044 01	Construct a 5 MG water storage reservoir.	\$1,800,000
	14	C	25000	Rubidoux CSD	3310044 02	Construct 3-1,500 gpm wel pumping plants and a 4,500 gpm nitrate treatment facility..	\$7,900,000
	14	C	25000	Rubidoux CSD	3310044 03	The district master plan recommends construction of 11,000 L.F. of 24" pipeline to alleviate the low pressure problems, provide adequate water service, and to provide adequate fire flow.	\$1,600,000
	14	C	24704	Norco, City of	3310025 01	Construction of 4 MG reservoir to maintain adequate reserve capacity.	\$4,400,000
	14	C	24704	Norco, City of	3310025 02	To reduce system demand, a pumping station and transmission main will be constructed to return up to 2 MGD of recycled water from the WRCWA regional sewage treatment plant for irrigation purposes.	\$550,000
	14	C	24704	Norco, City of	3310025 03	Design, drill and equip additional well in Temescal Basin, including required transmission main.	\$350,000
	14	C	24500	BANNING, CITY OF	3310006 02	Construct additional storage of approximately 4 million gallons.	\$5,000,000
	14	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 02	Design and construct a replacment reservoir.	\$2,000,000
	14	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 07	Rehabilitate well to isolate contaminated zones in the aquifer and install denitrification system. Project involves: Design, and Construction	\$350,000
	14	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154 08	Design and construct water treatment facility to remove increasing levels of PCE and nitrate from pumped ground water.	\$4,500,000
	14	C	23888	SAN FERNANDO-CITY, WATER DEPT.	1910143 02	Design and replace approximately 1.75 miles of 18-inch water transmission lines.	\$1,100,000
	14	C	23888	SAN FERNANDO-CITY, WATER DEPT.	1910143 01	Replace the 1.0 million gallon system storage Reservoir No. 4. Project involves: Design to solve problem, and Construction	\$2,500,000
	14	C	23888	SAN FERNANDO-CITY, WATER DEPT.	1910143 04	Upgrade to a computerized telemetry system. Project involves: Study, Design, and Construction	\$180,000
	14	C	23757	Mission Springs WD	3310008 01	Replacement of 10,240 linear feet of waterlines, 313 service connections and 18 hydrants - Project No. 28	\$1,025,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	23757	Mission Springs WD	3310008 02	Replacement of 10,240 linear feet of waterlines, 306 service connections and 24 hydrants - Project No. 29	\$1,000,000
	14	C	23757	Mission Springs WD	3310008 03	Replacement of 10,870 linear feet of waterlines, 251 service connections and 20 hydrants - Project No. 28	\$975,000
	14	C	23247	Arcade WD - North Highlands	3410025 01	Install 10 mg water storage reservoir. Involves design and construction.	\$4,500,000
	14	C	23247	Arcade WD - North Highlands	3410025 03	Install larger diameter connecting and transmission mains. Involves design and construction.	\$5,000,000
	14	C	23034	SCWC - SOUTH ARCADIA	1910212 01	REPLACE UNDERSIZED MAINS	\$70,000
	14	C	23034	SCWC - SOUTH ARCADIA	1910212 02	INSTALL GAC FILTERS ON WELL #1 AND BLEND ITS OUTPUT WITH WELL #2 AND #3	\$800,000
	14	C	22766	Capistrano Beach WD	3010055 01	The District proposes to construct a new 2 million gallon reservoir at the current reservoir's site.	\$2,000,000
	14	C	22766	Capistrano Beach WD	3010055 02	Design and construction of a groundwater recovery facility.	\$5,000,000
	14	C	22000	PORT HUENEME WATER DEPT	5610009 05	Replace two cast iron mains with PVC C9000	\$3,000,000
	14	C	22000	PORT HUENEME WATER DEPT	5610009 03	Install two water mains to close the distribution loops and interconnect the distribution system which will decrease the detention time to help avoid nitrification problems.	\$30,000
	14	C	22000	PORT HUENEME WATER DEPT	5610009 04	Install emergency gas chlorination disinfection facilities for the two wells.	\$20,000
	14	C	22000	PORT HUENEME WATER DEPT	5610009 01	Install ten water mains to replace the undersized 4,6 & 8 -inch water mains.	\$535,000
	14	C	22000	PORT HUENEME WATER DEPT	5610009 06	Replace two cast iron water mains with PVC C900.	\$30,000
	14	C	21500	City of Millbrae	4110018 01	Replace system sections that are undersized and deteriorated,	\$450,000
	14	C	21500	City of Millbrae	4110018 02	Install pump station to pump water from lower zone to upper zone.	\$375,000
	14	C	21500	City of Millbrae	4110018 03	Seismically upgrade storage tanks and recoat interior and exterior surfaces	\$2,000,000
	14	C	21000	Brawley - City of	1310001 01	City wide replacement of aged distribution system. Redesign of the system to provide better system with less possibility of interruption.	\$12,500,000
	14	C	21000	Hemet - City of	3310016 03	Drilling of well.	\$550,000
	14	C	21000	Hemet - City of	3310016 04	To build 5 MG reservoir.	\$1,500,000
	14	C	21000	Hemet - City of	3310016 02	Drilling of well	\$550,000
	14	C	20000	Valley of the Moon Water District	4910013 03	Construct new storage tank (Sobre Vista area).	\$250,000
	14	C	20000	Valley of the Moon Water District	4910013 04	Install new larger lines and booster pumps.	\$1,800,000
	14	C	20000	Valley of the Moon Water District	4910013 05	Install new storage tank and booster pumps (Crest area).	\$600,000
	14	C	20000	East Palo Alto Water Wrks Dist	4110024 01	Replace rusted old and undersized water mains with new min. 8" mains to eliminate health hazard and risk of failure.	\$1,100,000
	14	C	20000	East Palo Alto Water Wrks Dist	4110024 02	Design and construct a facility on site to treat high iron and manganese content to a safety level in order to use as the back-up source during emergency when San Francisco Water is not available.	\$500,000
	14	C	20000	Valley of the Moon Water District	4910013 06	Install Booster pumps and transmission/distribution pipelines.	\$550,000
	14	C	20000	Valley of the Moon Water District	4910013 07	New distribution pipelines.	\$550,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	20000	Valley of the Moon Water District	4910013 08	New distribution pipelines.	\$800,000
	14	C	19734	Valley Center MWD	3710026 01	2,400' of 16" line, 3-MG steel reservoir (Shadow Ridge).	\$2,000,000
	14	C	18650	San Lorenzo Valley Wtr Dist	4410014 01	Build a surface water treatment plant on a new site and also provide treatment for iron, manganese, and hardness in the Olympia Wellfield.	\$8,040,000
	14	C	18500	WEST KERN CWD	1510022 01	REPLACE 30" PIPELINE WITH 36" PIPELINE	\$5,925,397
	14	C	18100	LOS BANOS-CITY	2410005 02	Construct Storage Facilities	\$1,500,000
	14	C	18000	LOMITA-CITY, WATER DEPT.	1910073 02	Design and construction of 7 MG water storage.	\$4,000,000
	14	C	18000	Humboldt C.S.D.	1210009 01	Replace the defective Humboldt Hill reservoir. Include related projects dealing with reliability in area.	\$1,947,000
	14	C	17000	WALNUT PARK MUTUAL WATER CO.	1910169 01	Design and construct two (2) new tanks, one domestic well and new pumping station.	\$975,000
	14	C	16250	CALIFORNIA WATER SERVICE - SELMA	1010024 01	CONSTRUCT A ONE MILLION GALLON STORAGE TANK AND BOOSTER PUMP FACILITY.	\$805,000
	14	C	16000	TWENTYNINE PALMS WATER DIST	3610049 01	Construct 2 MG reservoir	\$1,200,000
	14	C	16000	Riverview WD	3710030 03	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$250,000
	14	C	16000	TWENTYNINE PALMS WATER DIST	3610049 02	Replace 46 miles of mainline	\$5,000,000
	14	C	15900	PARK WC - LYNWOOD	1910161 02	Preliminary and final design of well and construction of well. Project involves: Design, and Construction	\$450,000
	14	C	15900	PARK WC - LYNWOOD	1910161 01	Final design of well head and construction of well head. Project involves: Design, and Construction	\$730,000
	14	C	15154	CORCORAN, CITY OF	1610004 02	DRILL 3 NEW WELLS AND ASSOCIATED PIPING. OTHER - DESIGN AND CONSTRUCTION	\$2,160,000
	14	C	15154	CORCORAN, CITY OF	1610004 05	WATER MAIN UPGRADING FROM 4" WITH 6" AND 8" PIPE. OTHER - DESIGN AND CONSTRUCTION	\$240,000
	14	C	15154	CORCORAN, CITY OF	1610004 08	REPLACE C.I. PIPES WITH AWWA C-900 CLASS 150, IN 6", 8", 10" AND 12" SIZES. OTHER - DESIGN AND CONSTRUCTION	\$510,000
	14	C	15130	SCWC - SOUTH SAN GABRIEL	1910223 01	REPLACE UNDERSIZED MAINS OVER A 2 YEAR PERIOD	\$350,000
	14	C	15000	Del Oro Water Co.-Paradise Pines	0410011 02	Construction of 1.5 MG storage tank, and interior sandblasting and recoating plus exterior painting of Tanks #1 and #2.	\$1,017,500
	14	C	15000	EL MONTE-CITY, WATER DEPT.	1910038 01	1) Installed GAC treatment plant. 2) Elevated tank was refurbished. 3) Replace old water mains.	\$500,000
	14	C	15000	Oakdale, City of	5010014 01	REPLACE 2" AND 4" MAINS WITH 8", 10" AND 12" PIPE. OTHER = DESIGN AND CONSTRUCTION	\$10,000,000
	14	C	15000	Del Oro Water Co.-Paradise Pines	0410011 01	Well exploration and development.	\$500,000
	14	C	14750	Rio Linda Water District	3410018 01	Construct a 500,000 gallon water storage tank. Involves design and construction.	\$450,000
	14	C	14750	Rio Linda Water District	3410018 02	Construct 500,000 gallon water storage tank. Involves design and construction.	\$450,000
	14	C	14677	LAMONT PUD	1510012 03	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$120,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	14677	LAMONT PUD	1510012 01	REPLACE WATER LINES IN NORTH LAMONT. MOVE WATE LINES FROM ALLEYS TO STREET R/W FOR BETTER ACCESS. OTHER - DESIGN AND CONSTRUCTION	\$300,000
	14	C	14677	LAMONT PUD	1510012 02	REPLACE WATER LINES IN SOUTH LAMONT. OTHER - DESIGN AND CONSTRUCTON	\$325,000
	14	C	14544	DINUBA, CITY OF	5410002 04	NITRATE REMOVAL AND GAC TREATMENT. COMMUNITY WATER SYSTEM IMPROVEMENTS AND CONSTRUCT A 3 MG RESERVOIR.	\$5,000,000
	14	C	14067	WASCO, CITY OF	1510021 01	CONSTRUCT 4.0 MG OF STORAGE AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$4,000,000
	14	C	14000	Bay Point-Southern California Water	0710002 04	Replace 500' of 2" OD steel water main.	\$35,000
	14	C	14000	Bay Point-Southern California Water	0710002 06	Replace existing roof with an aluminum roof to comply with DOHS standards.	\$90,000
	14	C	14000	QUARTZ HILL WATER DIST.	1910130 01	Purchase and installation of hypochlorite generators.	\$100,000
	14	C	14000	TRACT 180 MUTUAL WATER CO.	1910159 01	Replace water mains/transmission lines.	\$1,500,000
	14	C	13500	McKinleyville C.S.D.	1210016 01	Construct new wells and retrofit existing facilities.	\$946,790
	14	C	13000	City of Eureka	1210004 01	Retrofit or replace the existing High Tank Reservoir.	\$4,000,000
	14	C	13000	City of Hollister	3510001 07	All deficiencies should be carefully evaluated and corrected.	\$150,000
	14	C	13000	City of Red Bluff	5210004 03	Construct 1MG storage reservoir.	\$1,305,000
	14	C	13000	City of Red Bluff	5210004 04	Loop water system to remove dead end to hospital.	\$800,000
	14	C	13000	City of Red Bluff	5210004 05	Construct joining pipeline between Well #4 and Well #8.	\$100,000
	14	C	13000	City of Red Bluff	5210004 06	Install new pipeline.	\$600,000
	14	C	13000	City of Red Bluff	5210004 08	Construct new 1MG reservoir.	\$1,305,000
	14	C	13000	City of Red Bluff	5210004 09	Install 16" watermain to alleviate water pressure and service problems.	\$800,000
	14	C	13000	City of Red Bluff	5210004 16	Install 1MG storage reservoir and well. Loop two major service areas with appropriate size mains.	\$3,000,000
	14	C	13000	City of Hollister	3510001 02	Identify a more stable pipeline route and then construct a new pipeline with the use of proper restraints and well-engineered structures.	\$1,278,000
	14	C	13000	City of Red Bluff	5210004 11	Install a transmission watermain in Antelope Blvd.	\$1,100,000
	14	C	13000	City of Hollister	3510001 05	Design and construct a modern reservoir to replace the existing one.	\$265,000
	14	C	13000	City of Hollister	3510001 11	Identify a more stable pipeline route and construct a new pipeline with adequate restraints and supports.	\$1,366,000
	14	C	12994	FILLMORE WATER DEPT	5610002 03	Create new pressure zone so that minimum pressure would be 40 psi and tanks could be exercised daily.	\$745,000
	14	C	12861	VAUGHN WC INC	1510029 01	INSTALL A 2 MG STORAGE TANK AND BOOSTER PUMPING STATION WHICH WILL IMPROVE STORAGE CAPACITY TO A MINIMUM OF 9 HRS OF STORAGE. OTHER - DESIGN & CONSTRUCTION	\$1,100,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	12861	Bella Vista Water District	4510014 01	Add standby power at Pump Station, and add one well with filters to provide the reliability required by the Waterworks Standards.	\$1,200,000
	14	C	12861	Bella Vista Water District	4510014 02	Build two reservoirs to increase storage capacity and provide the reliability required by the Waterworks Standards.	\$1,400,000
	14	C	12861	Bella Vista Water District	4510014 04	Study and pre-design of solution to low pressure problem and provide the reliability required by the Waterworks Standards.	\$100,000
	14	C	12861	Bella Vista Water District	4510014 05	Construct storage, pump station and pipe line to solve low pressure problem and provide the reliability required by the Waterworks Standards.	\$3,590,000
	14	C	12861	Bella Vista Water District	4510014 07	Loop deadend mains to solve low pressure problem and provide the reliability required by the Waterworks Standards.	\$1,775,000
	14	C	12137	CITY OF NORWALK	1910191 01	Install new well and well head treatment. Project involves: Design, and Construction	\$1,460,000
	14	C	12137	CITY OF NORWALK	1910191 02	Construct a new reservoir, well and pump station. See attached discussion. Project involves: Design, and Construction	\$5,825,000
	14	C	12100	Santa Ynez River Water Cons. Distri	4210020 02	Construct a 3.2 MG reservoir to provide adequate storage in one pressure zone.	\$3,300,000
	14	C	12000	ROSAMOND CSD	1510018 02	BUILD INFRASTRUCTURE TO EACHOF THESE AREAS, REPLACE EXISTING SUB-STANDARD FACILITIES AND CONNECT TO RCSD SYSTEM	\$1,000,000
	14	C	11500	Placer CWA - Auburn/Bowman	3110005 01	Install standby diesel generator. Involves design and construction.	\$200,000
	14	C	11166	LOS ANGELES CO WW DIST 38-LAKE L.A.	1910005 01	CONSTRUCT A NEW 400' SHADOW WELL, 4500' OF PIPELINE, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	\$715,000
	14	C	11000	SHAFTER, CITY OF	1510019 01	DRILL A NEW WELL IN THIS AREA AND ADDING A STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$475,000
	14	C	11000	SIERRA MADRE-CITY, WATER DEPT.	1910148 01	Replace two (2) concrete reservoirs and perform seismic retrofit work at two (2) others. Project involves: Design, and Construction	\$6,000,000
	14	C	11000	SIERRA MADRE-CITY, WATER DEPT.	1910148 02	Design and construct one domestic well and a water system inter-tie between the Cities of Sierra Madre and Arcadia.	\$1,660,000
	14	C	11000	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 01	CONSTRUCT A 1 MILLION GALLON TREATED WATER STORAGE TANK.	\$420,000
	14	C	11000	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001 04	REPLACE THE STEEL PIPE WITH A NEW PVC PIPE.	\$52,000
	14	C	10320	CWS King City	2710009 01	Design and construct treatment facilities and piping systems.	\$1,500,000
	14	C	10300	City of Fortuna	1210006 01	Replace existing 30,000 gallon water storage tank with a 150,000 gallon tank.	\$350,000
	14	C	10000	LIVINGSTON-CITY	2410004 01	INSTALL NEW 6" MAINS AND NEW STYLE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	14	C	10000	North Tahoe PUD - Main	3110001 02	Install a modern, supervisory control and data acquisition system.	\$126,000
	14	C	10000	North Tahoe PUD - Main	3110001 06	Create a pressurized sub-zone and provide service stubs to properties with pressures. Involves design and construction.	\$94,900
	14	C	10000	North Tahoe PUD - Main	3110001 07	Install water mains along highway.	\$566,500
	14	C	10000	North Tahoe PUD - Main	3110001 12	Install 4,160 ft of pipe. Involves design and construction.	\$366,700

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	10000	North Tahoe PUD - Main	3110001	03	Construct a new 1,400 foot long water main within the State Highway, relocate services to the new line, improve pressure and quality. Involves design and construction.	\$165,000
	14	C	10000	North Tahoe PUD - Main	3110001	14	Construct a 2,660 ft long main. Involves design and construction.	\$267,500
	14	C	10000	North Tahoe PUD - Main	3110001	15	Replace 3,020 ft of water main. Involves design and construction.	\$277,100
	14	C	10000	North Tahoe PUD - Main	3110001	04	Install 1,800 ft water main, increase pressure. Involves design and construction.	\$172,100
	14	C	9675	City of Brentwood	0710004	04	replace polybutylene lines	\$400,000
	14	C	9675	City of Brentwood	0710004	05	Do a Nitrification Study master plan to determine the best way to to treat well water for nitrate problems.	\$100,000
	14	C	9675	City of Brentwood	0710004	12	TV the wells and check for any holes or cracks in the sleeve.	\$150,000
	14	C	9675	City of Brentwood	0710004	19	Purchase and install 5 emergency generators at the above locations.	\$600,000
	14	C	9675	City of Brentwood	0710004	02	Do a strudy to determine the most efficient and practical manner to update the plant. Design the plant upgrades and construction to update and modernize the existing water treatment plant to bring it into compliance with the SWTR.	\$2,000,000
	14	C	9675	City of Brentwood	0710004	03	Design and construct a new water treatment plant to meet the standards in Section 64653 and the demands on the system.	\$44,000,000
	14	C	9675	City of Brentwood	0710004	09	Replace the lines to these homes with 6" lines. Replace meters and hydrants for more efficient and healthier system.	\$430,000
	14	C	9675	City of Brentwood	0710004	11	replace 255 of the 3000 valves with new valves and dresser couplers.	\$850,000
	14	C	9500	Thermalito Irrigation District	0410008	03	Replace old steel mainline. Design and construct new 2.5 MG storage tank.	\$4,000,000
	14	C	9500	American Canyon, City of	2810005	01	Design, land acquisition and four MG potable water storage tank.	\$2,048,000
	14	C	9500	American Canyon, City of	2810005	02	Purchase water supply and connection from City of Vallejo water system.	\$1,000,000
	14	C	9500	Westborough County Water Dist	4110027	01	Install new pipes and couplings to eliminate water outages for customers and construct new water storage tank for adequate water storage.	\$2,500,000
	14	C	9200	WINTON WATER & SANITARY DIST	2410010	01	LOCATE BY AREA ALL SUBSTANDARD SIZED LINES AND REPLACE/CONSTRUCT A STORAGE TANK WITH CONNECTING LINES. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$2,500,000
	14	C	8993	LINDSAY, CITY OF	5410006	01	CANAL SUPPLY LINE, 2.5 MG STORAGE TANKS, TWO NEW WELLS, INFRASTRUCTURE IMPROVEMENTS, PRESSURE SYSTEM LOOPS, RAW WATER TREATMENT PLANT IMPROVEMENTS. OTHER - DESIGN AND CONSTRUCTION	\$12,842,000
	14	C	8847	CITY OF SIGNAL HILL	1910149	03	The City shall rehab well #6 to eliminate contamination, or drill a new well if rehab is determined ineffective. The existing transmission main connecting well #6 to the system needs to be reconstructed. Project involves: Design and Construction	\$1,873,000
	14	C	8847	CITY OF SIGNAL HILL	1910149	04	Construct chlorine injection line from City reservoir/disinfection station to MWD P.O.C. - approximately 800 Lin. Ft.	\$144,136
	14	C	8847	CITY OF SIGNAL HILL	1910149	05	Construct pump and metering stations at the California Ave/Willow Street Long Beach/Signal Hill interconnect.	\$200,000
	14	C	8847	CITY OF SIGNAL HILL	1910149	06	Design and construct two new finished and connecting piping stations south of the 405 freeway water reservoirs. Refinance debt obligation (Municipal Bonds)	\$8,600,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	8847	CITY OF SIGNAL HILL	1910149 07	Design and construct new roof using stainless steel fittings.	\$810,000
	14	C	8847	CITY OF SIGNAL HILL	1910149 08	Purchase a portable emergency generator to power well pump in case of interrupted electrical service. Project involves: Purchase	\$150,000
	14	C	8788	NEWHALL CWD-NEWHALL	1910096 02	Rehabilitate Well 10 by chemical treatment. See attached specification and correspondence of July 9, 1997.	\$150,000
	14	C	8788	NEWHALL CWD-NEWHALL	1910096 03	Replacement of six (6) water tanks which failed in the January 1994 Northridge earthquake. Refinancing of the District's 1995 Installment Sale Financing (see attached Agreement).	\$2,870,211
	14	C	8788	NEWHALL CWD-NEWHALL	1910096 04	Design and construct a pumping station and a connection to CLWA's lateral to obtain 2000 gpm capacity.	\$300,000
	14	C	8788	NEWHALL CWD-NEWHALL	1910096 05	Construct a 12-inch diameter water main about 2600 + from Zone 8 (1710') system to Zone 6. PZ No. 6 will be eliminated by this project. (See Plate 1). Project involves: Design, and Construction	\$232,000
	14	C	8735	City of Lathrop	3910015 01	Replace network with larger diameter mains.	\$4,500,000
	14	C	8505	KINGSBURG, CITY OF	1010019 05	CONSTRUCT A NEW WELL (NO. 15).	\$350,000
	14	C	8265	San Jacinto - City of	3310032 01	The City plans to drill two more wells, build one or two Fe/Mn treatment plants, upgrade and replace the old distribution mains. Add additional surface storage.	\$1,500,000
	14	C	8150	Southern Calif WC -Cowan Hgts	3010078 01	Install chlorination turnouts at 6MWD connections	\$90,000
	14	C	8000	MCFARLAND MWC	1510013 01	A) Eliminate low volumes and possible bacteriological problems. B) Portable electric generator to restore water service during power outages.	\$211,000
	14	C	8000	LA PUENTE VALLEY CWD	1910060 05	Construction of a pressure sustaining valve between Pressure Zone 1 and 2.	\$20,000
	14	C	8000	Santa Ana River Water Company	3310033 01	Construct water pipelines to eliminate dead end water lines (Plate 1)	\$810,000
	14	C	8000	Santa Ana River Water Company	3310033 02	Drill and equip two water wells	\$600,000
	14	C	8000	Santa Ana River Water Company	3310033 03	Construct a 2.7 million gallon welded steel tank on the water company's existing land on Bellegrave Ave.	\$1,200,000
	14	C	8000	Santa Ana River Water Company	3310033 04	Install an ion exchange treatment process to remove nitrate from Wells 3 and 3A	\$1,300,000
	14	C	8000	Santa Ana River Water Company	3310033 05	Foundation improvements, expansion joints and piping modifications of shell to ground connections (see attached report).	\$100,000
	14	C	8000	Santa Ana River Water Company	3310033 06	Construct new 1.5 MG tank, well #8, Bellegrave Booster Station and pipelines. (see attached loan agreement)	\$1,255,690
	14	C	8000	NIPOMO COMM SERVICES DIST	4010026 01	Drill a new well, construct a new transmission line to a new water storage facility	\$1,500,000
	14	C	8000	LA PUENTE VALLEY CWD	1910060 04	Construction of a 75 HP generator for booster pumps.	\$35,000
	14	C	8000	LA PUENTE VALLEY CWD	1910060 03	Replacement of line with 12" ductile iron pipe. Project involves: Design to solve problem, and Construction	\$150,000
	14	C	8000	NIPOMO COMM SERVICES DIST	4010026 02	Construct approx. 5500 feet of new water lines to enhance water flow and energy savings.	\$375,000
	14	C	8000	ACWA Buckhorn Plant	0310012 02	CONSTRUCT TREATED WATER STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	\$850,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	7929	South Mesa WC	3310017	01	Replace reservoir with steel tank or rebuild reservoir walls.	\$500,000
	14	C	7800	ORANGE COVE CITY OF	1010023	01	DEVELOP A SUPPLEMENTAL GROUNDWATER SUPPLY CONSISTING OF AT LEAST FOUR WELLS, TRANSMISSION LINES, BLENDING/MIXING STRUCTURES, AND TREATMENT UNITS, IF NECESSARY.	\$3,095,600
	14	C	7744	Sebastopol, City of	4910011	02	A new well (#7) has been developed to replace well 5. The new well is in the final construction phase and due to be placed into service in Fall of 1997.	\$550,000
	14	C	7587	LOS ANGELES CO WW DIST 24,27,33-PEA	1910203	01	CONNECT 2 ADJACENT WELLS FOR CHLORINATION AT ONE SITE	\$110,000
	14	C	7587	LOS ANGELES CO WW DIST 24,27,33-PEA	1910203	02	INSTALL 6,600 LINEAR FEET OF 12" WATER MAIN	\$450,000
	14	C	7587	LOS ANGELES CO WW DIST 24,27,33-PEA	1910203	03	CONSTRUCT A NEW 500' SHADOW WELL, A CHLORINATION SYSTEM, A BOOSTER STATION AND A FOREBAY TANK	\$1,536,000
	14	C	7502	City of Yreka	4710011	01	Construct 1.5 MG storage tank for north end of town.	\$1,000,000
	14	C	7500	SCWC - WILLOWBROOK	1910072	01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$100,000
	14	C	7500	SCWC - WILLOWBROOK	1910072	02	REPLACE WATER MAINS IN CRITICAL AREAS	\$100,000
	14	C	7500	SCWC - WILLOWBROOK	1910072	03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$15,000
	14	C	7500	Serrano Water District	3010082	02	Construct additional 2 MGD to existing treatment plant.	\$2,500,000
	14	C	7500	MUSCOY MWC NO. 1	3610031	01	Replace transmission lines	\$637,715
	14	C	7500	MUSCOY MWC NO. 1	3610031	02	Rehabilitate well and block wall	\$90,000
	14	C	7500	Clear Creek C.S.D.	4510016	01	Drill new well and loop deadend lines to provide the reliability required by the Waterworks Standards.	\$850,000
	14	C	7145	Citizens Utilities-Larkfield Distri	4910023	02	Old Redwood Highway main replacement/extension.	\$160,000
	14	C	7145	Citizens Utilities-Larkfield Distri	4910023	03	Construct raw water storage reservoir at North Wikiup site.	\$400,000
	14	C	7000	BIG BEAR CITY CSD	3610008	03	Construct new well	\$225,000
	14	C	7000	BIG BEAR CITY CSD	3610008	02	Study potential sources of contamination	\$100,000
	14	C	7000	BIG BEAR CITY CSD	3610008	04	Construct new well	\$250,000
	14	C	7000	BIG BEAR CITY CSD	3610008	01	Construct new transmission main	\$225,000
	14	C	6807	CHOWCHILLA CITY WATER DEPT	2010001	02	CONCRETE SEAL EXISTING OPEN-BOTTOM WELL #5 THAT WAS ABANDONED DUE TO FAILURE IN 1995 AND DRILLED NEW WELL TO LARGER SIZE AND DEPTH TO PROVIDE REQUIRED DOMESTIC AND FIRE FLOWS TO SERVE EXISTING DEVELOPED AREA. OTHER - DESIGN AND CONSTRUCTION	\$400,000
	14	C	6807	CHOWCHILLA CITY WATER DEPT	2010001	01	INSTALL 8" AND 12" PVC PIPE. LOOP THE SYSTEM WITH 12" MAIN CONNECTING TO THE WATER WELL. OTHER - DESIGN AND CONSTRUCTION	\$335,000
	14	C	6807	CHOWCHILLA CITY WATER DEPT	2010001	03	REPLACE WITH 8" PVC PIPE. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	14	C	6807	CHOWCHILLA CITY WATER DEPT	2010001	04	INSTALL NEW 8" WATER PIPE LOOP AND REPLACE PIPE WITH 8" AND 10" PVC. OTHER - DESIGN AND CONSTRUCTION	\$506,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	6807	CHOWCHILLA CITY WATER DEPT	2010001 05	REPLACE PIPE WITH NEW 12" PVC MASTER LOOP SYSTEM FROM WELL #10. OTHER - DESIGN AND CONSTRUCTION	\$557,000
	14	C	6796	Southern CA Water Co - Arden Water	3410003 01	Install automation and telemetry.	\$20,000
	14	C	6650	TEHACHAPI, CITY OF	1510020 01	INSTALL 250,000 GALLON HOLDING TANK. OTHER - DESIGN AND CONSTRUCTION	\$180,000
	14	C	6650	TEHACHAPI, CITY OF	1510020 02	INSTALL EMERGENCY GENERATOR - PINION WELL	\$47,000
	14	C	6650	TEHACHAPI, CITY OF	1510020 03	REPLACEMENT OF FAILING SERVICE LINES	\$1,647,500
	14	C	6650	TEHACHAPI, CITY OF	1510020 04	INSTALL SECONDARY BOOSTER PUMP	\$30,000
	14	C	6650	TEHACHAPI, CITY OF	1510020 05	INSTALL 2,000' OF 10" PIPE FROM PINION WELL TO CURRY STREET STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	\$66,400
	14	C	6603	SO CA WATER CO-WRIGHTWOOD	3610047 02	Replace mainline	\$3,900,000
	14	C	6603	SO CA WATER CO-WRIGHTWOOD	3610047 03	Construct new reservoir	\$200,000
	14	C	6600	MAYWOOD MUTUAL WATER CO. #2	1910085 01	Construct 1.5 MG reservoir. Remove top 30' of two reservoirs. Construct new roofs on two reservoirs, construct hydropneumatic pump station and standby generator. Project involves: Design to solve problem, and Construction.	\$2,000,000
	14	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015 01	Construct four new storage reservoirs for a total of 3.35 MG to meet ww stds.	\$2,700,000
	14	C	6549	California Cities Water Company	1710002 01	Replace with 1,000 ft of 8 inch PVC in Lakeshore Dr.	\$90,000
	14	C	6546	AVENAL, CITY OF	1610002 02	INSTALL EMERGENCY GENERATOR. OTHER - DESIGN AND CONSTRUCTION	\$390,000
	14	C	6546	AVENAL, CITY OF	1610002 03	REPLACE THE MAIN AND RELIFT TELEMETRY CONTROL SYSTEM, PUMP MAINFOLDS, VALVING AND SWITCH GEAR AS REQUIRED TO MAINTAIN AN EMERGENCY BACKUP PUMPING PLANT SYSTEM FOR FUTURE OUTAGES. OTHER - DESIGN AND CONSTRUCTION	\$190,000
	14	C	6546	AVENAL, CITY OF	1610002 06	CONNECT TO THE PRISON HIGH PRESSURE PIPELINE WITH PRESSURE REDUCING STATIONS. FIRE HYDRANTS, VALVES, AND PIPELINES SHALL BE REPLACED TO IMPROVE THE RELIABILITY OF THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	14	C	6500	SCWC - HOLLYDALE	1910195 01	CEMENT LINING WATER MAINS IN CRITICAL AREAS.	\$100,000
	14	C	6500	SCWC - HOLLYDALE	1910195 02	REPLACE WATER MAINS IN CRITICAL AREAS	\$100,000
	14	C	6500	SCWC - HOLLYDALE	1910195 03	INSTALL CHLORINATION TURNOUTS AT MWD CONNECTION	\$15,000
	14	C	6400	Imperial - City of	1310006 03	Install and replace with properly sized water mains.	\$600,000
	14	C	6400	Imperial - City of	1310006 04	Start program to replace obsolete mains and valves	\$500,000
	14	C	6175	WOODLAKE, CITY OF	5410020 02	ENGINEERING TO LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$75,000
	14	C	6175	WOODLAKE, CITY OF	5410020 04	VARIOUS SYSTEM IMPROVEMENTS PER "WATER MASTER PLAN". OTHER - DESIGN AND CONSTRUCT	\$324,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	6175	WOODLAKE, CITY OF	5410020 03	INSTALLATION OF 500,000 GAL RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	\$450,000
	14	C	6175	WOODLAKE, CITY OF	5410020 01	CONSTRUCTION OF ADDITIONAL WELL WITH STANDBY POWER. OTHER - DESIGN AND CONSTRUCTION	\$300,000
	14	C	6000	NORTH OF THE RIVER MWD	1510041 03	Replacement of majority of distribution system, and customer service lines. OTHER - Design and Construction	\$3,300,000
	14	C	6000	City of Orland	1110001 01	Replace old 80,000 gallon elevated storage tank with a new 1 MG storage tank.	\$1,500,000
	14	C	5997	NEWHALL CWD-PINETREE	1910250 01	Install a 2 MG welded steel storage facility to supplement the Pinetree Systems existing storage. Project involves: Design to solve problem, and Construction	\$1,000,000
	14	C	5864	San Joaquin County-Lincoln Village	3910010 01	REPLACE ELEVATED TANK WITH PRESSURE TANK AND REPLACE STEEL LINES - (NO EVIDENCE OF CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION.	\$1,000,000
	14	C	5851	Holtville - City of	1310005 01	Replace existing deteriorated and restricted cast iron water pipelines. See attached description and water system improvement map (attachments 2 and 3).	\$4,134,542
	14	C	5700	VALLEY VIEW MUTUAL WATER CO.	1910165 01	Low pressure on the old main lines, possible storage tanks installation plus a chlorination system.	\$500,000
	14	C	5669	HURON, CITY OF	1010044 02	PROVIDE A SECOND SOURCE OF SURFACE WATER BY CONNECTING TO LATERAL 22R WHICH IS ABOUT 5,000 FEET AWAY FROM THE PLANT SITE.	\$155,000
	14	C	5520	Southern Calif WC - Yorba Linda	3010070 01	Study design and construct a new Surface Water Treatment plant to utilize the MWD raw water connection in close proximity to the plant site.	\$2,000,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 01	Improve capacity of Portola, Alta Vistam Drake, Park, and Wagner wells.	\$1,000,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 03		\$1,000,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 05	Main replacement and installation.	\$1,843,568
	14	C	5500	Citizens Utilities Comp of CA	4110010 06	Installation and/or replacement of pressure relief, check and control valves.	\$281,810
	14	C	5500	Citizens Utilities Comp of CA	4110010 09	Replace school house tank with 650,000 storage tank.	\$618,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 13	Portola tank 100,000 gal telemetry and booster pump.	\$140,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 14	Electrical rehabilitation (including MCC units , conduit/siring)	\$156,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 15	Standby diesel powered generator (including diesel storage tank).	\$206,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 16	Telemetry facilities from airport well to school house tank.	\$47,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 17	Telemetry facilities to Alta Vista storage tank.	\$39,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 18	Airport well #4 Improvements	\$238,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 19	Park and Gutren Well improvements	\$460,000
	14	C	5500	Citizens Utilities Comp of CA	4110010 20	Alta Vista water treatment plant	\$250,000
	14	C	5486	OROSI PUBLIC UTILITIES DIST	5410008 01	INSTALL A 1 MG GROUND WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$732,000
	14	C	5486	OROSI PUBLIC UTILITIES DIST	5410008 02	REPLACE THESE EXISTING PIPELINES WITH NEW 8" DIAMETER PIPELINES TO IMPROVE THE PRESSURE AND WATER QUALITY IN THE AREA AFFECTED. OTHER - DESIGN AND CONSTRUCTION	\$1,175,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	5486	OROSI PUBLIC UTILITIES DIST	5410008 03	INSTALL NITRATE REMOVAL EQUIPMENT ON THE WELL HEAD. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	14	C	5340	City of Live Oak	5110001 01	Construction of an additional well to satisfy CCR, Title 22, Section 64564 requirements and meet peak demands.	\$200,000
	14	C	5340	City of Live Oak	5110001 02	The purchase and installation of four generators with automatic switchgear will ensure continuous well operation during power outages.	\$140,000
	14	C	5340	City of Live Oak	5110001 04	The construction of multiple storage tanks would allow the City to meet the storage capacity requirements.	\$500,000
	14	C	5340	City of Live Oak	5110001 05	Replacement of these lines will provide required fire flows and sustain existing water service.	\$650,000
	14	C	5160	GOLDEN HILLS CSD	1510045 01	Tie the Golden Hills and City of Tehachapi water systems together. Other - Design/Construction	\$175,000
	14	C	5160	GOLDEN HILLS CSD	1510045 02	Construct 4 new wells. Other - Design/Construction	\$400,000
	14	C	5160	GOLDEN HILLS CSD	1510045 04	Develop and construct a system of wells in our nonadjudicated area, while continuing to increase our water rights. Other - Design/Construction	\$800,000
	14	C	5160	GOLDEN HILLS CSD	1510045 05	Construct a 1mg storage tank. Other - Design/Construction	\$500,000
	14	C	5100	Konocti County Water District	1710006 01	Replace with 6 and 8 inch PVC pipe.	\$7,500,000
	14	C	5100	Konocti County Water District	1710006 02	Construct new 0.5 MG storage tank.	\$625,000
	14	C	5100	SOLVANG WATER DEPARTMENT	4210013 02	Construction of 2.3 million gallon reservoir	\$3,638,000
	14	C	5050	Del Mar - City of	3710004 02	Please see attached	\$260,000
	14	C	5000	Millview County Water District	2310006 02	Enlarge and replace distribution lines.	\$350,000
	14	C	5000	Millview County Water District	2310006 03	New pumping station, distribution system and storage tank.	\$450,000
	14	C	5000	Millview County Water District	2310006 04	Add 1 600 gpm filter and 1 3,000 gpm roughing filter.	\$1,000,000
	14	C	5000	Nuevo Water Company	3310026 01	Construct new 1000 gpm capacity well and new 12" pipeline (see attached Plate 1).	\$1,020,000
	14	C	5000	Myoma Dunes Mutual Wtr Co	3310051 01	Construct new mainlines, replace undersize & deficient mains, install isolation valves.	\$348,000
	14	C	5000	EARLIMART PUD	5410021 01	INSTALL SECONDE CROSSING OF HIGHWAY 99 AND REPLACE SOME PORTIONS OF THE SYSTEMS	\$780,000
	14	C	5000	City of Seaside	2710018 02	Replace tops of tanks.	\$150,000
	14	C	5000	City of Seaside	2710018 03	Resurface inside of tanks.	\$100,000
	14	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 01	Conducted a study with an engineering firm, best way to solve the problem was to install booster pump station.	\$95,000
	14	C	4900	TUD-Crystal Falls Water System	5510010 01	CONSTRUCT A NEW WTP WITH A 1 MGD CAPACITY WITH PROVISIONS FOR FUTURE EXPANSION. THIS PROJECT WILL ALSO ALLOW THE ELIMINATION OF THE CEDAR RIDGE AND MONTE GRANDE WTP'S.	\$1,410,000
	14	C	4900	TUD-Crystal Falls Water System	5510010 03	CONSTRUCT A PARALLEL PIPELINE ACROSS STATE HIGHWAY 108 TO CONNECT THE CRYSTAL FALLS SYSTEM TO THE WILLOW SPRINGS SYSTEM.	\$79,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	4900	TUD-Crystal Falls Water System	5510010	02	CONSTRUCT A PIPELINE TO REPLACE THE OLD STEEL PIPE AND CONSTRUCT AN INTERCONNECTION WITH THE OAK GARDEN SYSTEM.	\$38,000
	14	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062	06	Replace 4450 ft of main	\$267,000
	14	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062	07	Replace 2800 ft of main	\$168,000
	14	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062	08	Replace 2770 ft of main	\$166,200
	14	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062	09	Replace 3050 ft of main	\$183,000
	14	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062	10	Replace 2250 ft of main	\$135,000
	14	C	4800	Calistoga, City of	2810002	03	Site development and construction of new 1 MG storage tank and transmission main.	\$2,000,000
	14	C	4800	Calistoga, City of	2810002	04	Find available water and purchase.	\$1,000,000
	14	C	4800	Calistoga, City of	2810002	05	Purchase or lease dredging equipment and dredge reservoir over 2 to 3 year summer periods.	\$1,000,000
	14	C	4600	Lakeport, City of	1710004	03	Provide additional water production facilities and upsize lines.	\$5,300,000
	14	C	4502	Calif Rehab Center - Norco	3310800	01	Add air stripping unit for benzene treatment.	\$250,000
	14	C	4500	VALENCIA HEIGHTS WATER CO.	1910163	01	Design and construct replacement wells.	\$700,000
	14	C	4445	SO CA WATER CO-VICTORVILLE 1	3610107	01	Replace mainline	\$38,000
	14	C	4419	Citizens Utilities Company	4410002	01	Replace water main.	\$300,000
	14	C	4419	Citizens Utilities Company	4410002	02	Replace San Lorenzo water main.	\$270,000
	14	C	4375	Clearlake Oaks County Water Distric	1710001	01	Install a 400 KW generator with electrical switching system	\$80,000
	14	C	4200	Blue Lake Springs Mut Wtr	0510009	01	REPLACE UNDERSIZED MAINS WITH NEW, LARGER MAINS	\$4,000,000
	14	C	4000	CUTLER PUD	5410001	02	PURCHASE WELL SITE AND DRILL A NEW WELL. OTHER - DESIGN AND CONSTRUCTION.	\$350,000
	14	C	4000	CUTLER PUD	5410001	03	REPLACE THE OLD AND UNDERSIZED PIPELINES AND INSTALL HYDROPNEUMATIC TANKS ON EXISTING WELLS TO REGULATE THE PRESSURE. OTHER - DESIGN AND CONSTRUCTION.	\$493,000
	14	C	4000	CUTLER PUD	5410001	01	INSTALL NITRATE REMOVAL EQUIPMENT ON THE DISTRICT'S EXISTING WELL. OTHER - DESIGN AND CONSTRUCTION.	\$600,000
	14	C	4000	AWA, Pioneer I.D. #1	0310010	01	INSTALL NEW WATER MAINS. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	14	C	3800	Sutter CSD	5110007	02	Add a 1mgal tank and replace old pipe in one section of our system	\$400,000
	14	C	3700	Weaverville C.S.D.	5310001	05	Replace water transmission main.	\$1,050,000
	14	C	3700	Weaverville C.S.D.	5310001	08	Install approximately 1400 feet of 12-inch replacement water main.	\$35,000
	14	C	3700	Weaverville C.S.D.	5310001	02	Looping the two mains would eliminate the dead ends and facilitate Trinity River treated water to flow to portion of the East Weaver Pressure Zone.	\$77,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	3600	Amador County Water Agency-Sutter Creek	0310003 02	REPLACE THE WATER MAIN. OTHER = DESIGN AND CONSTRUCTION	\$85,000
	14	C	3589	Hughson, City of	5010008 01	REPLACE A FOUR INCH WATER MAIN WITH A TWELVE INCH MAIN. OTHER = DESIGN AND CONSTRUCTION	\$500,000
	14	C	3500	PLANADA CSD	2410007 02	INSTALL ADEQUATELY SIZED WATER LINES FROM THE SOUTH SIDE OF THE SYSTEM TO THE NORTH SIDE OF THE SYSTEM.	\$190,000
	14	C	3500	TUD-UPPER BASIN	5510012 02	CONNECT THE EXISTING LAKEWOOD RESERVOIR TO THE WTP INTAKE VIA PUMP AND PIPELINE.	\$57,000
	14	C	3500	TUD-UPPER BASIN	5510012 05	REPLACE STEEL PIPELINES IN EQUAL INCREMENTS OVER A 5 YEAR PERIOD.	\$918,000
	14	C	3500	TUD-COLUMBIA	5510013 03	ENLARGE THE COLUMBIA WTP'S CAPACITY FROM 1.0 MGD TO 1.5 MGD.	\$230,000
	14	C	3500	TUD-UPPER BASIN	5510012 07	CONSTRUCT A ONE MILLION GALLON STEEL STORAGE TANK.	\$420,000
	14	C	3500	TUD-UPPER BASIN	5510012 08	CONSTRUCT A PIPELINE TO INTERCONNECT THE LEISURE PINES SYSTEM TO THE UPPER BASIN SYSTEM.	\$38,000
	14	C	3500	TUD-UPPER BASIN	5510012 09	RECONSTRUCT THE PRESSURE SYSTEM.	\$26,000
	14	C	3500	TUD-UPPER BASIN	5510012 01	CONSTRUCT A 4 INCH DIAMETER PIPELINE AND INTAKE STRUCTURE TO OBTAIN WATER FROM BRENTWOOD POND.	\$22,000
	14	C	3500	TUD-UPPER BASIN	5510012 04	INSTALL A PIPELINE TO INTERCONNECT BETWEEN THE UPPER BASIN SYSTEM AND CRYSTAL FALLS SYSTEM.	\$380,000
	14	C	3500	TUD-UPPER BASIN	5510012 06	RELOCATE A 60,000 GALLON BOLTED STEEL TANK TO THE SITE TO PROVIDE RELIABLE SERVICE.	\$52,000
	14	C	3450	Mather AFB - Wherry Housing Area	3410704 04	Replace deficient valves and hydrants.	\$175,000
	14	C	3300	Burney Water District	4510003 01	Extend a 12-inch water main 2,500 feet to provide a loop to this area to provide the reliability required by the Waterworks Standards..	\$110,000
	14	C	3300	City of Rio Vista	4810004 01	Replace 8" transmission line approximately 2 miles.	\$1,500,000
	14	C	3300	City of Rio Vista	4810004 02	replace deteriorated mains and appurtenances.	\$2,000,000
	14	C	3204	San Joaquin County-Mokelumne Acres	3910017 02	ADD WATER LINES TO LOOP ENTIRE SYSTEM. (SAYS CONSOLIDATION, BUT DOES NOT SEEM POSSIBLE.) OTHER = DESIGN AND CONSTRUCTION.	\$400,000
	14	C	3200	ARMONA COMMUNITY SERVICES DIST	1610001 02	DRILL A NEW WELL AND ACQUIRE PROPERTY. OTHER - DESIGN AND CONSTRUCTION	\$650,000
	14	C	3200	ARMONA COMMUNITY SERVICES DIST	1610001 04	NEEDS TO DRILL NEW WELL OR INSTALL A WTP	\$2,186,300
	14	C	3200	North Gualala Water Company	2310007 01	Replace mains, services, create new circulating loops, replace storage tanks, filter plant and generator.	\$1,500,000
	14	C	3100	Borrego Springs WC	3710038 01	Replace 45 year old 4" and 6" water mains with 6" and 8" pipelines to AWWA standards - length: 29,500 feet.	\$580,000
	14	C	3100	Borrego Springs WC	3710038 02	Install 3,900 feet of 8" Class 200 PVC water main, with appurtenances and metering facility.	\$125,000
	14	C	3100	Borrego Springs WC	3710038 03	Construct a new well in the southerly one-half of the service area and equip the well with pump and controls.	\$175,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	3100	Borrego Springs WC	3710038 04	Construct a 0.5 MG Bolted Steel Tank.	\$140,000
	14	C	3100	Borrego Springs WC	3710038 05	Install a supervisory control system with data accumulation (SCADA System) to control the system 24 hours per day.	\$80,000
	14	C	3044	Home Gardens CWD	3310018 01	A water treatment plant with biological denitrification, filtration and disinfection, plus stroage tank for blending, detention and equalization.	\$1,000,000
	14	C	3000	Lukins Brothers Water Company	0910007 01	Drill new well at property of Well 4 and replace Well 3 on new property.	\$250,000
	14	C	3000	Redwood Valley County Water Distric	2310008 01	Construct a 400,000 gal treated water storage tank.	\$455,000
	14	C	3000	Redwood Valley County Water Distric	2310008 02	Construct a 500,000 gal treated water storage tank.	\$365,000
	14	C	3000	Redwood Valley County Water Distric	2310008 03	Install 2100 LF of 8 inch main line to loop system and provide improved service characteristics.	\$130,000
	14	C	3000	Redwood Valley County Water Distric	2310008 04	Replace a 40 HP pressurization pump with a 60 HP pump to increase plant capacity from 1.5 MGD to 2.23 MGD.	\$15,000
	14	C	3000	CWS Salinas Hills	2710012 01	Install one million gallon tank and booster pump facility.	\$805,000
	14	C	3000	Lukins Brothers Water Company	0910007 03	Install storage tanks with pump and generator station.	\$800,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 01	INSTALL A PRESSURE REDUCING VALVE STATION, CONNECT TO THE HIGH PRESSURE ZONE, AND INSTALL APPROXIMATELY 420 FT. OF EIGHT INCH PIPELINE TO ISOLATE THE NEW ZONE.	\$50,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 04	CONSTRUCT APPROXIMATELY 2,700 FT. OF 12 IN. PIPELINE.	\$200,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 07	CONSTRUCT 2,600 FT. + OF 12 INCH PIPELINE ALONG AN ALTERNATE ROUTE TO MAKE THE SYSTEM MORE RELIABLE.	\$200,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 03	CONSTRUCT A 500,000 GALLON WATER TANK TO PERMIT SAND TO SETTLE AND ALLOW CONTACT TIME FOR CHLORINE.	\$540,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 06	CONSTRUCT ANOTHER PUMP STATION A SANTIAGO RD. AND SOLEDAD CANYON RD.	\$340,000
	14	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248 05	CONSTRUCT 4,200 FT. + OF 12 INCH PIPELINE ON SANTIGO ROAD TO SIERRA HIGHWAY AND THE NORTH TANK.	\$310,000
	14	C	2900	City of Dunsmuir	4710002 01	Construct storage facilities for upper pressure zone.	\$700,000
	14	C	2891	NEWHALL CWD-CASTAIC	1910247 01	Design and construct 2.5 MG welded steel storage reservoir in 1630' pressure zone and 8,880 feet of 16-inch diameter waterline.	\$2,660,000
	14	C	2891	NEWHALL CWD-CASTAIC	1910247 02	The District proposes to construct a micro filtration plant to treat the water and utilize in the domestic system. Project involves: Design, and Construction	\$2,800,000
	14	C	2850	LITTLE ROCK CREEK IRRIGATION DIST.	1910064 01	Basin clean up using groundwater withdrawal and blending (see attached report) Project involves: Design, and Construction	\$3,900,000
	14	C	2844	Angels, City of	0510003 03	Replace 3750 linear feet of 10" diameter steel main with 10" diameter C900 main.	\$298,375
	14	C	2800	Donner Lake Water Company	2910005 01	Replacement of existing tank with a 500,000 gallon tank and addition of a booster facility.	\$500,000
	14	C	2800	Donner Lake Water Company	2910005 02	Replace main with 10" ductal iron pipe and construct 500,000 gallon storage tank.	\$1,325,000
	14	C	2700	LAKE DON PEDRO C S D	5510008 04	INSTALL BLOWOFFS ON DEADENDS.	\$63,750



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	2699	Elsinore WD - Lakeland	3310079 01	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide replacement water supply.	\$350,000
	14	C	2699	Elsinore WD - Lakeland	3310079 02	Design and construct new steel tank to meet WW standards and increase system reliability.	\$250,000
	14	C	2699	Elsinore WD - Lakeland	3310079 03	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3 years.	\$3,375,000
	14	C	2600	Idyllwild WD	3310019 01	Rehabilitate two existing wells and drill one new well.	\$120,000
	14	C	2600	Idyllwild WD	3310019 02	Construct 9,000 feet of 6" and 8" pipeline.	\$324,000
	14	C	2600	Idyllwild WD	3310019 03	Regrade site and construct two 210,000 gallon steel tanks.	\$245,000
	14	C	2600	Idyllwild WD	3310019 05	Construct 5,000 feet of 6" and 8" pipeline.	\$180,000
	14	C	2600	Idyllwild WD	3310019 06	Construct new diversion pipeline and pumping station. Construct new roof on forebay tank.	\$120,000
	14	C	2600	Idyllwild WD	3310019 07	Evaluate alternatives and replace tank or construct new hydropneumatic pumping station.	\$90,000
	14	C	2600	Idyllwild WD	3310019 09	Construct 5,000 feet of 6" and 8" pipeline.	\$180,000
	14	C	2600	Idyllwild WD	3310019 10	Construct 5,000 feet of 6" and 8" pipeline.	\$180,000
	14	C	2600	Idyllwild WD	3310019 11	Construct 5,000 feet of 6" and 8" pipeline.	\$180,000
	14	C	2500	ERSKINE CREEK WC	1510009 01	Interior mainline replacement program	\$350,000
	14	C	2500	MARIPOSA PUBLIC UTILITY DIST	2210001 02	REPLACE DETERIORATED WATER MAINS WITH NEW MAINS IN CONFORMANCE WITH THE CALIFORNIA WATERWORKS STANDARDS.	\$1,185,000
	14	C	2500	MARIPOSA PUBLIC UTILITY DIST	2210001 04	REFINANCE THE CURRENT BALANCE OF THE ASSESSMENT DISTRICT.	\$2,500,000
	14	C	2500	Howell Mountain Mutual Water Compan	2810001 01	Install IMG tank at plant. Replace distr. system. Bring earthen dams up to standards. Extend the height of Lake Henne dam. Rebuild the supply piping system for the lakes to the treatment plant.	\$12,400,000
	14	C	2500	Pine Valley MWC	3710039 02	Purchase of emergency chlorinator and portable 300 kw generator for tie-in to distribution largest well.	\$120,000
	14	C	2500	Pine Valley MWC	3710039 03	Replace with an 8" C-900 water main and services.	\$200,000
	14	C	2500	Pine Valley MWC	3710039 06	.5 MG storage tank, pump station, an 8" diameter pipeline at higher than upper elevations.	\$1,000,000
	14	C	2500	STRATHMORE PUBLIC UTIL DIST	5410012 01	CONSTRUCT CANAL STORAGE FACILITIES. OTHER - DESIGN AND CONSTRUCTION	\$260,000
	14	C	2500	Lake Alpine Water Company	0210001 02	CONSTRUCT WATER STORAGE TANK	\$100,000
	14	C	2500	Tahoe Park Water Company	3110018 02	Install a storage tank and pipeline. Involves design and construction.	\$200,000
	14	C	2500	Plumas County Flood Control	3210002 01	Upgrade system with contact clarifiers, rehab filters, expand GAC capacity, install alternative disinfection, new chemical feed equipment	\$975,000
	14	C	2500	Pine Valley MWC	3710039 01	Replace with welded steel tank which meets current standards.	\$175,000
	14	C	2400	LAKE ELIZABETH MUTUAL WATER CO.	1910056 01	Design and construct a water storage tank on the North side of Fault Zone.	\$500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	2400	TWAIN HARTE COMMUNITY SERVICES DIST	5510005 01	INSTALL NEW C-900 6" THROUGHOUT WITH NEW SERVICES AND FIRE HYDRANTS EVERY 500'. OTHER - DESIGN AND CONSTRUCTION.	\$700,000
	14	C	2400	TWAIN HARTE COMMUNITY SERVICES DIST	5510005 02	INSTALL A 500,000 GALLON BOLTED TANK ON DISTRICT LOT IN LILAC TERRACE SUBDIVISION. OTHER - DESIGN AND CONSTRUCTION	\$100,000
	14	C	2400	VENTURA CWWID NO. 19 - SOMIS	5610015 02	Construct 900 LF of 8 inch water line to replace existing 2-inch line on East St.	\$54,000
	14	C	2400	VENTURA CWWID NO. 19 - SOMIS	5610015 05	Construct 1.0 MG reservoir and 7,200 LF of 14 inch transmission line	\$1,223,000
	14	C	2345	TUD-Tuolumne City	5510003 01	CONSTRUCT PVC PIPELINES TO REPLACE DETERIORATED PIPES AND TO LOOP THE SYSTEM.	\$26,000
	14	C	2345	TUD-Tuolumne City	5510003 02	CONSTRUCT PIPELINE AND PRESSURE REDUCING STATION TO INTERCONNECT THE TWO SYSTEMS.	\$80,000
	14	C	2300	Kelseyville Co Waterworks District	1710007 02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	\$10,000
	14	C	2300	Santiago County Water District	3010095 01		\$500,000
	14	C	2300	Farm Mutual W.C. (The)	3310046 01		\$1,000,000
	14	C	2300	Farm Mutual W.C. (The)	3310046 02	Construct new reservoir to replace existing reservoir.	\$370,000
	14	C	2280	CWS Oak Hills	2710019 01	Install a GAC treatment process.	\$200,000
	14	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 05	RETROFIT TWO WATER TANKS WITH FLEXIBLE CONNECTIONS AND MOVE DRAIN/OVERFLOW TO SIDES OF TANKS.	\$112,500
	14	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 01	RECOAT INTERIOR OF 0.50 MG CUYAMA TANK TO PROTECT WATER QUALITY AND PUBLIC HEALTH.	\$80,000
	14	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 02	CONSTRUCT NEW WELL WITH CHLORINATION STATION, FOREBAY TANK, AND BOOSTER PUMPING STATION TO MEET CUSTOMER WATER REQUIREMENTS.	\$1,200,000
	14	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 04	CONSTRUCT A 500,000 GALLON TANK AT AN INTERMEDIATE PRESSURE ZONE FOR THE HASLEY AREA.	\$500,000
	14	C	2260	SO CA WATER CO - MORONGO DEL SUR	3610063 02	Replace mainline	\$570,000
	14	C	2200	Lake County CSA 21 - North Lakeport	1710021 01	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	\$1,000,000
	14	C	2200	BORON COMMUNITY SERV DIST	1510002 02	1/2 MILE OF 4" C900 WATERMAIN FROM WATER TANK TO CHERRYHILL - TO OPERATE WELLS DURING OFF PEAK ENERGY HOURS.	\$100,000
	14	C	2200	Arbuckle Public Utility District	0610001 01	Replace or install 2,300 feet of water main.	\$125,000
	14	C	2193	City of Portola	3210003 02	See attached	\$1,681,500
	14	C	2170	HILLVIEW WC-OAKHURST/SIERRA LAKES	2010007 02	REPLACE ABOUT 6,000 FEET OF CLASS 160 PVC WITH NEW 12 INCH DUCTILE IRON PIPE.	\$300,000
	14	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 01	Construct intertie w/YVWD ~ 3600 ft of 20 inch line	\$360,000
	14	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 02	Construct intertie w/YVWD	\$61,200
	14	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 03	Construct intertie w/YVWD	\$555,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 06	Provide intertie between system 3610054 and 3610055	\$1,030,000
	14	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 04	Consolidate with YVWD	\$968,000
	14	C	2131	Elsinore WD - Country Club	3310013 01	Design and construct new well with pump and appurtenances to meet the Waterwork Standards, increase system reliability and provide redundancy in source of supply.	\$350,000
	14	C	2131	Elsinore WD - Country Club	3310013 02	Design and construct 50,000'+ of new watermain to meet the WW standards and increase system reliability. Project can be phased by priority over 3+ years.	\$3,375,000
	14	C	2131	Elsinore WD - Country Club	3310013 03	Design and construct new steel tank to meet standards, to increase system reliability and to allow major maintenance on other tanks in the system.	\$375,000
	14	C	2100	Westwood CSD	1810002 01	Construct additional 500,000 gallon storage tank. Install generator unit, new pump/tank control system and water meters.	\$500,000
	14	C	2043	Box Springs MWC	3310004 01	Replace all undersized and substandard waterlines.	\$1,000,000
	14	C	2043	Box Springs MWC	3310004 03	Renovation of interior and exterior coatings and structural repairs.	\$130,000
	14	C	2011	City of Wheatland	5810004 01	Installation of additional well(s).	\$170,000
	14	C	2000	Cobb Area County Water District	1710012 03	construct new storage tanks.	\$94,000
	14	C	2000	Cobb Area County Water District	1710012 04	Replace existing steel mains with pipes more impervious to corrosion.	\$195,000
	14	C	2000	North Marin WD - Pt. Reyes	2110006 15	Install connection for emergency generator to speed restoration of service.	\$3,600
	14	C	2000	North Marin WD - Pt. Reyes	2110006 16	Purchase power generator dedicated to West Marin.	\$35,000
	14	C	2000	Cabazon County Water Dist	3310047 03	See attachment B	\$575,000
	14	C	2000	City of Vallejo - Lakes Water System (Gordon Valley)	4810021 02	To consolidate with that of the Green Valley Water System.	\$3,600,000
	14	C	2000	City of Vallejo - Lakes Water System (Gordon Valley)	4810021 03	replace old pipes in the area with 4,750 lineal feet of 6" PVC pipe including the installation of four new hydrants.	\$321,000
	14	C	2000	Del Oro Water Co.-Lime Saddle	0410017 01	Construct 16,600 feet of 10" main with lift stations and an additional 300,000 gallon storage tank.	\$2,000,000
	14	C	2000	FRAZIER PARK PUD	1510007 01	REPLACE WATER MAINS WITHIN OUR DISTRICT - REPAIR/REPLACE WATER STORAGE TANKS ADD FIRE HYDRANTS. OTHER - DESIGN AND CONSTRUCTION	\$800,000
	14	C	2000	North Marin WD - Pt. Reyes	2110006 12	Computerized controls for PRE pump stations.	\$10,500
	14	C	2000	North Marin WD - Pt. Reyes	2110006 13	Backup pump for PRE	\$60,000
	14	C	2000	Cabazon County Water Dist	3310047 01	See attachment B	\$2,500,000
	14	C	2000	O'Connor Tract Coop Wtr Co	4110019 01	Install 3650 feet of new pipe and reconfigure system to abandon old pipe.	\$500,000
	14	C	1885	Lower Lake County Water District	1710010 01	Abandon both crossings and relocate to right of way at bridge on Copsey Creek way.	\$55,000
	14	C	1885	Lower Lake County Water District	1710010 05	Replace existing pipe with C900 and ductile iron where it crosses Herndon Creek.	\$100,000
	14	C	1885	Lower Lake County Water District	1710010 06	Replace with 12 inch C-900 using proper sand bedding.	\$200,000
	14	C	1885	Lower Lake County Water District	1710010 02	Replace with 500K steel tank. Integrate with existing 500K tank with a 16 inch line and have the ability to shut off each tank for maintenance.	\$200,000
	14	C	1885	Lower Lake County Water District	1710010 03	Replace with 100 -150K storage tank.	\$70,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	1800	WHITE FENCE FARMS MUTUAL WATER CO.	1910249 01	Remove the existing pump bowls and motor, clean and redevelop the well and install higher capacities pump bowls and motor depending on the wells yield. Project involves: Design to solve problem, and Construction	\$40,000
	14	C	1800	WHITE FENCE FARMS MUTUAL WATER CO.	1910249 03	Remove the existing pressure tanks and install new ones, lined with NSF approved paint. Project involves: Design to solve problem, and Construction	\$70,000
	14	C	1782	PONDEROSA WATER COMPANY	5510002 04	REPLACE OLD WRAPPED STEEL PIPE, UPGRADE STORAGE FACILITIES, AND INSTALL TWO NEW STORAGE TANKS.	\$610,000
	14	C	1725	PRATT MUTUAL WATER CO	5410033 02	REPLACE NEW MAIN	\$200,000
	14	C	1700	CARUTHERS COMM SERV DIST	1010039 03	INSTALL APPROX. 7,000 LF OF NEW WATER MAIN. OTHER - DESIGN AND CONSTRUCTION	\$380,000
	14	C	1650	KINNELOA IRRIGATION DIST.	1910035 01	Relocate 8" transmission line to New York Drive, attaching line to bridge.	\$150,000
	14	C	1650	KINNELOA IRRIGATION DIST.	1910035 07	Design and construct one larger concrete reservoir.	\$400,000
	14	C	1650	KINNELOA IRRIGATION DIST.	1910035 08	Replace the pipeline for the above three tunnels and upgrade the existing distribution system.	\$1,204,000
	14	C	1600	Skyline County Water District	4110015 01	Construction and pump station in Mountain Meadows area.	\$961,000
	14	C	1600	Skyline County Water District	4110015 02	Install an emergency back-up generator.	\$150,000
	14	C	1600	Skyline County Water District	4110015 04	Grant funds to study system consolidation. Loan funds debt service would like to have incurred by systems requesting consolidation with the district/	\$30,000
	14	C	1600	TIPTON COMMUNITY SERVICES DIST	5410014 01	CONSTRUCT NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$329,000
	14	C	1600	TIPTON COMMUNITY SERVICES DIST	5410014 02	REPLACEMENT OF THE EXISTING PIPING WITH NEW PIPELINES AND A CROSSING OF HWY. 99. OTHER - DESIGN AND CONSTRUCTION.	\$366,000
	14	C	1600	North Tahoe PUD - Dollar Cove	3110036 03	Replace 4,510 ft of water mains. Involves design and construction.	\$419,000
	14	C	1550	TUD-Cedar Ridge Water System	5510015 01	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	\$124,000
	14	C	1550	TUD-Cedar Ridge Water System	5510015 02	CONSTRUCT A PUMP STATION AND PIPELINE TO INTERCONNECT THE CEDAR RIDGE SYSTEM TO THE CRYSTAL FALLS SYSTEM.	\$240,000
	14	C	1525	Talmont Resort Improvement District	3110047 01	Need new well. Install pressure tank and pressure pumps.	\$150,000
	14	C	1500	BELLFLOWER HOME GARDENS WC	1910012 01	Design and construction of a replacement well.	\$150,000
	14	C	1500	Stinson Beach County Wtr Dist	2110004 01	Highway One Transmission line replacement	\$70,000
	14	C	1500	Stinson Beach County Wtr Dist	2110004 07	Replacement of 3,00 lf undersized transmission mains.	\$170,000
	14	C	1500	LE GRAND COMM SERVICES DIST	2410011 01	CONSTRUCTION OF NEW WELLS AND 22,000 FEET OF NEW WATER LINES.	\$2,282,500
	14	C	1500	DEVORE WC	3610117 03	Construct new transmission lines from sources to storage, relocate PRVs	\$347,500
	14	C	1500	DEVORE WC	3610117 04	Refinance existing loan	\$222,695
	14	C	1500	Inland Valley Development Agency-No	3610704 06	Replace booster facility	\$150,000
	14	C	1500	MENLO SCHOOL AND COLLEGE	4100517 01	Study by professional engineering firm to determine possible solutions is being conducted.	\$300,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	1500	MENLO SCHOOL AND COLLEGE	4100517	02	Study by professional engineering firm to determine possible solutions is being conducted.	\$300,000
	14	C	1500	City of Tulelake	4710010	01	Replace old pumps and electrical equipment. Replace chlorination facilities with more reliable and effective equipment.	\$200,000
	14	C	1500	WOODVILLE PUBLIC UTILITY DIST	5410025	01	DRILL NEW WELL	\$300,000
	14	C	1500	Esparto Community Services Dis	5710007	01	Construct storage and booster facility, new well, and transmission mains. Involves design and construction.	\$1,370,900
	14	C	1500	DEVORE WC	3610117	01	Install diesel booster at Devore Rd PRV, Install earthquake valves on reservoirs and 215FWY bridge, add new mainline valves, install soft start on Pump 3	\$26,500
	14	C	1500	DEVORE WC	3610117	02	New 125k reservoir at top of Greenwood Ave, new well	\$175,000
	14	C	1500	AWA, Pine Acres #4	0310009	01	Replace the redwood tanks with steel tanks	\$800,000
	14	C	1464	Fall River Mills C.S.D.	4510008	01	Drill a new well in second community to provide the reliability required by the Waterworks Standards.	\$150,000
	14	C	1437	City of Blue Lake	1210002	02	Design and replace failing pumping facility; replace all failed valves in system; design and construct telemetry system and alarms.	\$600,000
	14	C	1425	Hamilton Branch CSD	3210010	01	Replace 3" steam pipe with 6" C900 PVC pipe.	\$200,000
	14	C	1416	SO CA WATER CO-VICTORVILLE 5	3610105	02	Replace mainline	\$150,000
	14	C	1415	LATON COMMUNITY SERVICES DIST	1010020	01	REPLACE EXISTING LINE WITH A NEW 8" PVC LINE AND RECONNECT SERVICES.	\$163,000
	14	C	1415	LATON COMMUNITY SERVICES DIST	1010020	02	CONSTRUCT A NEW WELL ON THE EAST SIDE OF THE SYSTEM.	\$348,000
	14	C	1411	KETTLEMAN CITY CSD	1610009	02	DRILL A NEW WELL - PROVIDE TREATMENT IF NECESSARY. OTHER - DESIGN AND CONSTRUCTION	\$840,000
	14	C	1411	KETTLEMAN CITY CSD	1610009	03	REPLACE STEEL PIPE WITH AWWA PIPE AND INSTALL NEW BUTTERFLY VALVES. REPLACE THE OLD TELEMETRY SYSTEM WITH A NEW EXPANDABLE TELEMETRY SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	\$180,000
	14	C	1379	Lee Lake Water District	3310074	01	A water surface treatment facility needs to be constructed to allow the District to use its wells for potable use. Also, a water transmission pipeline must be constructed to connect the wells to the District's existing potable transmission main.	\$1,000,000
	14	C	1300	Lake County CSA 20 - Soda Bay	1710022	01	Perform capacity analysis and update master plan. Construct components to accommodate capacity needed by the consolidation.	\$1,000,000
	14	C	1300	CAL DOMESTIC WATER CO.	1910199	02	CONSTRUCTED 10,000 GPM VOC REMOVAL SYSTEM: AIR STRIPPING TOWERS WITH OFF-GAS TREATMENT	\$2,300,000
	14	C	1300	BASELINE GARDENS MWC	3610007	04	Drill new well	\$300,000
	14	C	1300	BASELINE GARDENS MWC	3610007	05	Replace pipelines	\$600,000
	14	C	1300	PASO ROBLES BEACH WATER ASSN	4010006	01	Build new tank and replace mains.	\$650,000
	14	C	1266	LADWP - LONE PINE	1410003	03	Construct new tank	\$310,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	1266	LADWP - LONE PINE	1410003 04	Hire consultant to perform system analysis	\$30,000
	14	C	1266	LADWP - LONE PINE	1410003 02	Replace mainline	\$200,000
	14	C	1266	LADWP - LONE PINE	1410003 01	Replace mainline	\$150,000
	14	C	1260	BUTTONWILLOW CWD	1510011 01	REPLACE 4" LINES WITH 8" LINES AND LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	14	C	1200	MAJESTIC PINES CSD	3710041 01	See attachment	\$0
	14	C	1200	Mt. Hermon Association, Inc.	4410008 01	Carry out an Environmental Impact Report.	\$425,000
	14	C	1200	Mt. Hermon Association, Inc.	4410008 03	Dismantle the well head, pull the pump and motor, and insert a piece of pipe in the screened interval section.	\$25,000
	14	C	1200	Mt. Hermon Association, Inc.	4410008 04	Purchase and install a new lid for tank.	\$100,000
	14	C	1200	Julian Community Services District	3700909 01	Replace with updated modern equipment	\$150,000
	14	C	1187	MADERA CSA NO 3 PARKSDALE	2010006 01	INSTALL A NEW WELL AND A STANDBY GENERATOR.	\$400,000
	14	C	1100	GREEN VALLEY CWD	1910244 01	Expose, remove and replace old lines; refurbish and modify three pressure reducing valves adding pressure sustaining features and low flow bypass; install additional water storage tanks next to existing tanks ...	\$201,250
	14	C	1050	Lake Forest MWC	1800511 01	Recoat largest storage tank. Build new tank. Replace and add fire hydrants.	\$0
	14	C	1020	Hopland Public Utility District	2310010 01	Install 3 300,000 gallon tanks.	\$700,000
	14	C	1019	Hydesville Co. W.D.	1210019 01	1500 feet of 8-inch main to loop system and increase reliability.	\$91,000
	14	C	1019	Hydesville Co. W.D.	1210019 02	1200 feet of 12-inch main (flat) and 225 feet of main (upslope). New main will provide second route from source and increase reliability.	\$118,000
	14	C	1000	Durham Irrigation District	0410003 01	Replace water mains and increase capacity of new well.	\$180,000
	14	C	1000	Del Oro Water Co.-Magalia	0410009 01	Will be alleviated with the current construction of an intertie and new storage tank.	\$376,000
	14	C	1000	TRANQUILLITY IRRIGATION DIST	1010030 01	REPAIR WELLS NOS. 4 AND 5, CONSTRUCT NEW WELL NO. 6, IMPROVE TELEMETRY SYSTEM, REPAIR EXISTING ELEVATED STORAGE TANK, INSTALL NEW CHLORINATION SYSTEM, AND INSTALL A NEW STORAGE TANK.	\$570,000
	14	C	1000	MALAGA COUNTY WATER DISTRICT	1010042 01	LOOP THE SYSTEM. OTHER - DESIGN AND CONSTRUCT	\$875,000
	14	C	1000	RANCHO VERDUGO WC	1510008 01	DRILL NEW WELL	\$700,000
	14	C	1000	CITY OF LANCASTER-BRIERWOOD MHP	1910031 01	Drill a new well or tap into an adjoining property;s Well. Consolidation: Possibly	\$96,000
	14	C	1000	CEDARPINES PARK MWC	3610011 01	Refinance	\$1,670,500
	14	C	1000	FALLSVALE SERVICE COMPANY	3610021 01	Repair or replace mainlines and tanks	\$90,000
	14	C	1000	Victoria Farms MWC	3610111 01	Replace pipelines	\$400,000
	14	C	1000	Penngrove Water Company	4910003 01	Add 1 MG tank to adjacent system and consolidate.	\$1,750,000
	14	C	1000	Lake Forest Utility Company, Inc.	3110032 02	Replace undersized lines with 6" and 8" lines. Involves design and construction.	\$500,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	1000	ARROWBEAR PARK CWD	3610110 01	Replace mainline to WW stds.	\$150,000
	14	C	1000	Paradise Park Masonic Club	4410009 01	Replace entire water system. Need funds for design and construction.	\$2,000,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 01	REPLACE 2100 FT OF UNDERSIZED 2" WATER MAIN WITH ADEQUATE 6"/8" WATER MAIN.	\$148,500
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 05	THE PROJECT CONSISTS OF INSTALLING 1400 LF OF 12-INCH PIPELINE TO THE TANK ALONG ANOTHER ALIGNMENT.	\$285,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 09	INSTALL APPROX. 4,000' OF 24" PIPELINE AND APPURTENANCES	\$2,457,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 04	TO INSTALL 2800 +/- LF OF SIX AND EIGHT-INCH PIPELINE WITH SERVICES AND FIRE HYDRANTS	\$194,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 02	REPLACE 1-1/4" WATER MAIN IN WEST TRAIL WITH ADEQUATE 6"/8" PIPELINE.	\$45,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 06	RETROFIT TWO TANKS WITH FLEXIBLE CONNECTIONS AND MOVE OVERFLOW DRAINS TO THE SIDE OF THE TANK FROM THE FLOOR.	\$112,500
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 07	UPGRADE EXISITING EMERGENCY CONNECTION WITH LADWP AND EXPAND BOOSTER CAPACITY ACCORDINGLY.	\$400,000
	14	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 03	INSTALLATION OF PIPELINE ALONG KAGEL CANYON RD FROM EXISTING INTERCONNECTION WITH THE CITY OF LA TO PROVIDE ADEQUATE FIRE PROTECTION.	\$700,000
	14	C	965	MADERA CO SA #1-INDIAN LAKES	2010011 01	INSTALL A NEW WELL AND A 750,000 GALLON STORAGE TANK.	\$300,000
	14	C	960	MARIANA RANCHOS CWD	3610030 01	Replace mainline	\$270,000
	14	C	930	City of Loyalton	4610001 02	Replace booster pump. Drill new well. Rehabilitate distribution system.	\$547,000
	14	C	900	RAND COMMUNITIES WATER DIST	1510016 01	REPLACE WITH A 500,000 GALLON STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$1,005,800
	14	C	900	RAND COMMUNITIES WATER DIST	1510016 02	CONSTRUCT THREE NEW 100,000 GALLON STEEL TANK RESERVOIRS. OTHER - DESIGN AND CONSTRUCTION	\$409,000
	14	C	900	RAND COMMUNITIES WATER DIST	1510016 03	REPLACE WATER MAINS AND REHABILITATE THE WELL AND BOOSTER PUMPS. OTHER - DESIGN AND CONSTRUCTION	\$1,626,000
	14	C	900	North Tahoe PUD - Carnelian Woods	3110023 02	Construct a new well. Involves design and construction.	\$280,000
	14	C	900	Knights Landing Service District	5710004 01	Construct groundwater well, hydropneumatic tank, auxiliary power unit, controls and piping.	\$150,000
	14	C	900	North Tahoe PUD - Carnelian Woods	3110023 01	Construct an 8,330 ft, 12" diameter intertie to District's main water system. Involves design and construction.	\$1,082,500
	14	C	900	North Tahoe PUD - Carnelian Woods	3110023 03	Replace 3,170 ft water mains. Involves design and construction.	\$315,800
	14	C	900	North Tahoe PUD - Carnelian Woods	3110023 04	Replace 2,400 ft of pipe. Involves design and construction.	\$409,600
	14	C	870	SO CAL WC/MOR DEL NORTE	3600270 02	Replace mainline	\$74,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	861	LOS ANGELES CO WW DIST 39-ROCK CREE	1910025	01	CONSTRUCT A NEW 500' WELL TO REPLACE EXISTING WELL AND INSTALL 500' OF PIPELINE	\$450,000
	14	C	855	Amador County Service Area #3/Unit	0310021	01	BUILD AND CONNECT TO REGIONAL SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION.	\$2,100,000
	14	C	855	Amador County Service Area #3/Unit	0310021	02	DEVELOP A SURFACE WATER SUPPLY AND CONSOLIDATE SYSTEM 0310021 WITH 0310008. OTHER = DESIGN AND CONSTRUCTION	\$2,050,000
	14	C	855	JUBILEE MWC	3600139	01	Construct new tank	\$75,000
	14	C	855	BIG PINE CSD	1410004	01	Construct new well	\$140,000
	14	C	851	San Joaquin County-Thornton	3910009	01	DRILL A NEW WELL.	\$450,000
	14	C	840	OAK SPRINGS VALLEY WC	3600186	01	Construct telemetry system	\$50,000
	14	C	830	Shasta C.S.D.	4510013	01	Construct 500,000 storage tank and pump station and extend 12-inch main to increase pressure and provide the reliability required by the Waterworks Standards.	\$650,000
	14	C	800	Lake County CSA 2 - Spring Valley	1710018	03	Conduct capacity analysis and develop master plan.	\$100,000
	14	C	800	SENIOR CANYON MUTUAL WATER CO	5601117	05	Replace line from tank to distribution system.	\$96,090
	14	C	800	THUNDERBIRD CWD	3600306	01	Construct new 200,000 gallon reservoir	\$160,000
	14	C	800	THUNDERBIRD CWD	3600306	03	Construct disinfection facilities	\$50,000
	14	C	800	THUNDERBIRD CWD	3600306	02	Construct new line	\$90,000
	14	C	796	Grizzly Flats Community Servic	0910006	02	Install an additional 200,000 gallon covered, treated water storage tank. Involves design and construction.	\$175,000
	14	C	796	Grizzly Flats Community Servic	0910006	03	Add a pump, hydropneumatic tank and system pipe tie-in and a 2" service line to customers. Involves design and construction.	\$25,000
	14	C	775	MADERA CO SA NO 22-ROLLING HIL	2010009	01	INSTALL A NEW WELL AND A STANDBY GENERATOR.	\$500,000
	14	C	750	INDIAN CREEK MWC	1410005	01	Construct a 500,000 gallon storage tank	\$600,000
	14	C	740	Normco	2700511	01	Acquire and install all of the above.	\$90,000
	14	C	700	SAN BNDO CO CSA 42 - ORO GRANDE	3600220	01	Construct new second reservoir	\$100,000
	14	C	700	GREEN VALLEY MWC	3610023	01	Construct new mains, add storage facilities	\$500,000
	14	C	695	CO-CSA 70 W-3	3600114	01	Construct 5.25 miles of new mainline	\$1,164,240
	14	C	670	San Joaquin County - Wilkinson Mano	3910024	01	CONSOLIDATE INTO A SINGLE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	\$3,000,000
	14	C	665	EASTWOOD FARMS CWU	3600100	02	Construct new pressure tank, drill well, install meters	\$115,767
	14	C	640	STRAWBERRY LODGE MWC	3600301	01	Replace mainline	\$750,000
	14	C	630	Gasquet C.S.D.	0800555	05	Purchase a 100 KW 3-phase generator.	\$32,000
	14	C	630	Gasquet C.S.D.	0800555	06	Engineering for installing an additional 250,000 gallon storage tank.	\$30,000
	14	C	630	Gasquet C.S.D.	0800555	07	Add an additional 150 GPM pressure filter.	\$38,000
	14	C	630	Gasquet C.S.D.	0800555	02	Build distribution system to serve these residences filtered water.	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	630	Gasquet C.S.D.	0800555 08	Install additional 250,000 gallon water storage tank.	\$195,000
	14	C	625	PIONEERTOWN WATER USERS	3600196 01	Construct new well and treatment facility	\$150,000
	14	C	620	TUD-Scenic View/Scenic Brook	5510033 03	CONSTRUCT A PIPELINE TO INTERCONNECT WITH THE APPLE VALLEY SYSTEM AND DRILL A NEW WELL.	\$60,000
	14	C	620	TUD-Scenic View/Scenic Brook	5510033 05	CONSTRUCT A 200,000 GALLON STEEL STORAGE TANK.	\$142,000
	14	C	620	TUD-Scenic View/Scenic Brook	5510033 02	REPLACE THE DETERIORATED PIPELINE IN MIDLAND DRIVE.	\$48,500
	14	C	620	TUD-Scenic View/Scenic Brook	5510033 01	EXTEND THE HEIGHT OF THE SHORT TANK. ALSO CONSOLIDATE THIS SYSTEM WITH THE APPLE VALLEY AND PHOENIX LAKE PARK SYSTEMS.	\$40,000
	14	C	610	SAN MIGUELITO MWC	4010003 05	Construct a separate, new boost station to take advantage of higher pressure state water.	\$20,000
	14	C	610	SAN MIGUELITO MWC	4010003 12	Institute an aggressive leak detection and repair program for entire system.	\$10,000
	14	C	610	SAN MIGUELITO MWC	4010003 08	Replace existing steel water mains with PVC C-900 mains.	\$80,000
	14	C	610	SAN MIGUELITO MWC	4010003 10	Install piping and backwash pump to take water from adjacent tank no. 550 rather than system	\$27,000
	14	C	606	FRESNO CO WATER WORKS DIST 18	1010051 01	Install new filter, modify clearwell, and add new storage tank.	\$461,870
	14	C	600	SNOWCREST HTS. IMP. ASSOC	3600262 01	Construct source, storage, and distribution facilities	\$500,000
	14	C	600	PINEWOOD MEADOWS MOBILE ESTATE	5000090 01	UPGRADE DISTRIBUTION PIPING. OTHER = DESIGN AND CONSTRUCTION	\$40,000
	14	C	600	BRIDGEPORT PUD	2610003 01	Construct new main, generator, and pumps	\$250,000
	14	C	600	CROWS LANDING WATER COMPANY	5000005 01	INSTALL NEW DISTRIBUTION LINES. OTHER = DESIGN AND CONSTRUCTION.	\$500,000
	14	C	598	LADWP INDEPENDENCE	1410002 01	Replace mainline	\$400,000
	14	C	598	LADWP INDEPENDENCE	1410002 05	Hire consultant to perform system analysis	\$30,000
	14	C	598	LADWP INDEPENDENCE	1410002 02	Replace mainline	\$350,000
	14	C	598	LADWP INDEPENDENCE	1410002 03	Replace mainline	\$250,000
	14	C	598	LADWP INDEPENDENCE	1410002 06	Construct new tank	\$100,000
	14	C	598	LADWP INDEPENDENCE	1410002 04	Replace mainline	\$200,000
	14	C	585	Sierra Cedars CSD	1010052 01	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	\$250,000
	14	C	575	SAHARA MOBILE COURT	3900964 01	REPLACE DISTRIBUTION SYSTEM	\$500,000
	14	C	550	Clear Creek CSD	1800512 03	Construct 250,000 gallon storage tank. Install 8" and 6" water lines to replace existing 4" and 2" lines.	\$250,000
	14	C	547	YUIMA MUNICIPAL IDA	3700938 02	Replace 10,840' of main lines with CML/C or C900 PVC pipe.	\$314,300
	14	C	520	KRISTA MUTUAL WATER COMPANY	1500475 01	Remove and replace pump and pump house. Install additional storage tank, replace 5000' of 8" trans. Pipeline, property and ROW for tank with piping. OTHER - Design and Construction	\$300,000
	14	C	512	LANDS OF PROMISE WATER SYSTEM	1500424 01	INSTALL 6" MAINS AND 6 -200 TO 500 GAL TANKS.	\$271,760

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	501	Starlight Pines Mutual WC	4500195 03	Repair complete reservoir to provide the reliability required by the Waterworks Standards.	\$10,000
	14	C	500	Resort Improvement Dist. No.1	1210022 01	Engineering planning design for construction/repair of tanks.	\$24,100
	14	C	500	ROVANA WATER COMPANY	1400006 02	Drill backup well	\$381,300
	14	C	500	ROVANA WATER COMPANY	1400006 03	Replace lines	\$611,500
	14	C	500	ROVANA WATER COMPANY	1400006 04	Construct new tank	\$107,400
	14	C	500	ROVANA WATER COMPANY	1400006 05	Replace upper segment of line	\$95,200
	14	C	500	ROVANA WATER COMPANY	1400006 06	Install backup system	\$45,200
	14	C	500	TRADEWINDS WATER ASSOC.	1500406 02	SYSTEM AND STORAGE TANK WERE REPLACED	\$450,000
	14	C	500	LAKE ISABELLA COMMUNITY SERVICES DI	1503270 01	DESTROY WELLS AND REPLACE WATER LINE	\$29,400
	14	C	500	Lake County CSA 6 - Finley	1710019 01	Construct 100,000 gal storage tank and evaluate consolidation with Kelseyville and Soda Bay systems.	\$500,000
	14	C	500	Lake County CSA 6 - Finley	1710019 02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Soda Bay water system.	\$75,000
	14	C	500	WEST SIDE PARK MUTUAL	1900102 01	CONSTRUCTION OF A NEW 500,000 GALLON TANK TO INCREASE STORAGE AND AN ENLARGED PUMPING STATION.	\$250,000
	14	C	500	EL DORADO MUTUAL WATER COMPANY	1900803 01	REPLACE BOTH TANKS.	\$125,000
	14	C	500	California Pines C.S.D.	2500503 01	Drill a new well to provide the reliability required by the Waterworks Standards. Recoat the interior of the water tank.	\$50,000
	14	C	500	Circle Oaks Co water Dist	2800521 01	Cut into bedrock material and replace tank with 70,000 to 100,000 gal tank.	\$300,000
	14	C	500	TREEHOUSE FUN RANCH INC	3600308 01	Construct new well and tank	\$50,000
	14	C	500	Jacumba CSD	3710011 01	Drill a new well at an already aquired site that is at an elavation higher than existing well sites.	\$67,000
	14	C	500	LOG CABIN RANCH	4100531 01	Installation of emergency generator, valves, piping, watert storage tanks and cleaning of emergency water source.	\$500,000
	14	C	500	Resort Improvement Dist. No.1	1210022 09	Engineering design and construction of tanks.	\$464,600
	14	C	500	BROADVIEW TERRACE WATER	2000521 01	INSTALL 6 INCH DIAMETER MAINS WITH FIRE HYDRANTS.	\$300,000
	14	C	500	LSID-STRATHMORE SYSTEM	5410036 01	DESIGN AND INSTALL CANAL STORAGE FACILITES TO INCREASE CAPACITY AND RELIABILITY OF WINTER WATER DELIVERIES. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	14	C	500	LSID-STRATHMORE SYSTEM	5410036 02	MANIFOLD DISTRICT GROUND WATER WELLS TO INCREASE CAPACITY AND YIELD. OTHER - DESIGN AND CONSTRUCTION	\$100,000
	14	C	490	Pine Mountain Mutual Water Co.	2300591 04	Replace old pressure reducing valves, as well as adding two more to the system to reduce pressure to less than 100 psi.	\$11,000
	14	C	490	Pine Mountain Mutual Water Co.	2300591 05	Replace water main with 6 inch PVC as well as lateral services.	\$775,500
	14	C	490	Pine Mountain Mutual Water Co.	2300591 06	Install 2 air/vac valves and 3 fire hydrants.	\$7,000
	14	C	490	San Lucas County Water System	2701676 03	Design and engineering of a new water tank.	\$77,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	485	Westhaven C.S.D.	1210024 01	Booster station and/or new main line.	\$50,000
	14	C	475	Carmel Riviera MWC	2701254 01	Drill one or two new wells with the assistance of a Groundwater Geologist to obtain at least 50 gpm of sustainable yield of good quality ground water.	\$250,000
	14	C	450	CO-CSA 70 F MORONGO VALLEY	3600226 01	Construct 2.37 miles of new mainline	\$525,571
	14	C	450	Verde Vale Water Company	4500007 01	Replace float system in reservoir; Replace pressure system; Update pumping system and electrical to provide the reliability required by the Waterworks Standards.	\$10,000
	14	C	450	Palomino Lakes Mutual Water Co.	4900570 01	Construct new 100,00 or 150,00 gal tank.	\$85,000
	14	C	450	Armstrong Valley Water Company	4910018 01	Install transmission line to adjacent public water system to purchase water.	\$85,000
	14	C	450	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 04	CONSTRUCT ELEVATED STORAGE TANK	\$300,000
	14	C	420	City of Tehama	5200504 02	Replace 8000 lineal feet with 6" mains and valves.	\$212,500
	14	C	400	MARKLEEVILLE WATER COMPANY	0202504 01	Locate additional water source and replace pipeline.	\$2,000,000
	14	C	400	ANGLER'S RANCH SUBDIVISION 4	0707569 01	Install 3" - 4" lines throughout entire system. To each lot/hook-up.	\$560,000
	14	C	400	Lake County CSA 7 - Bonanza Springs	1700544 02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	\$50,000
	14	C	400	KINGS CANYON MOBILE HOME PARK	1000267 01	CONSTRUCT A NEW WELL AND REPLACE PIPELINES.	\$150,000
	14	C	365	Cedar Lodge Resort	2210900 01	INSTALL ADDITIONAL WELLS OR A SURFACE WATER TREATMENT PLANT TO TREAT WATER FROM THE MERCED RIVER.	\$200,000
	14	C	364	Manana Woods MWC	4400539 01	Replace lines, and install shut-off valves, meters, and purification filters.	\$50,000
	14	C	360	Sierra Brooks PSD	4600009 01	Construct new storage tank, refurbish existing tank and thus correct pressure problems.	\$450,000
	14	C	350	Weott C.S.D.	1200553 01	Remove and replace water transmission lines under the south fork of the Eel River.	\$50,000
	14	C	350	Weott C.S.D.	1200553 02	Remove old tank and install two 50,000 gallon tanks.	\$146,000
	14	C	350	Weott C.S.D.	1200553 05	Remove/replace approximately 1.25 miles of old steel lines. Install connection lines and valves between the two treatment lines at the plant.	\$25,000
	14	C	350	SUNNYSIDE FARMS MUTUAL WTR CO	1900146 01	REPLACE TANK BOTTOM.	\$30,000
	14	C	350	SUNNYSIDE FARMS MUTUAL WTR CO	1900146 02	DRILL NEW WELL.	\$15,000
	14	C	350	Sierraville P.U.D.	4600018 01	Replace deteriorated and undersized water lines. Repair existing storage tank and add a second tank. Install water meters on all services.	\$500,000
	14	C	350	TEVISTON C.S.D.	5400641 01	REPLACE DETERIORATED AND UNDERSIZED PIPES	\$130,000
	14	C	350	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 02	Loop system	\$300,000
	14	C	350	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 03	Loop system	\$300,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	350	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 04	Loop system	\$300,000
	14	C	350	PARK HEIGHTS MUTUAL WATER CO	5000017 01	REPLACE DISTRIBUTION SYSTEM AND UPGRADE WELL.	\$400,000
	14	C	340	ARBOR MOBILE HOME PARK	3900831 01	RENOVATE BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	\$10,000
	14	C	325	DESERT SPRINGS MWC	3600089 02	Replace mainline Phase I	\$67,676
	14	C	325	DESERT SPRINGS MWC	3600089 01	Replace mainline Phase II	\$67,676
	14	C	325	DESERT SPRINGS MWC	3600089 03	Replace mainline Phase III	\$69,000
	14	C	315	Lake County CSA 13 - Kono Tayee	1700554 01	Conduct capacity analysis and develop master plan, study possibility of consolidation with Paradise Valley water system.	\$100,000
	14	C	315	Lake County CSA 13 - Kono Tayee	1700554 02	Consolidate with Paradise Valley water system with 800 ft connection line.	\$250,000
	14	C	310	SLIDE INN SNOWBOWL WATER CO	5500077 01	Upgrade and replace existing pipelines and install new tank already purchased. OTHER-Refinance and Design	\$125,000
	14	C	300	SHADOW ACRES MUTUAL WATER COMPANY	1900301 02	INSTALL A BOOSTER SYSTEM NEAR THE WHOLESALE'S WATER TURNOUT.	\$130,000
	14	C	300	Benbow Water Co.	1200671 01	Construct 250,000 gallon welded steel tank to provide adequate storage.	\$175,000
	14	C	300	SHADOW ACRES MUTUAL WATER COMPANY	1900301 01	TIE THE DEAD-ENDS TOGETHER AND LOOP OUR ENTIRE DISTRIBUTION SYSTEM	\$280,000
	14	C	300	Pedrazzi Mutual Water System	2701364 01	Drill a new well and tie it into the existing system.	\$561,050
	14	C	300	Tres Pinos CWD	3500509 01	Drill new well. Construct new pipe line. Add 500,000 gallon tank and other new equipment. Need funds for design and construction.	\$1,000,000
	14	C	300	Hornbrook Community Services Distri	4700513 01	Eliminate deadends by looping. Where looping not possible, provide flushing valves at end of deadend.	\$550,000
	14	C	300	Heights Mutual Water Company	4900612 01	Replace 2 inch main with 6 inch, install fire hydrants, replace deteriorated redwood storage tank, construct new well in the upper pressure zone.	\$500,000
	14	C	300	Russian River County Water District	4910008 01	Consolidate with adjacent public water district. Install intertie, replace storage tanks and distribution system. Hacienda water system would be acquired and annexed to Russian River County Water District (population 2,000).	\$1,600,000
	14	C	300	GLEN MARTIN MWC	3610016 01	Construct new reservoir, replace mainline, drill new well	\$1,000,000
	14	C	300	Villa Del Monte MWC	4400595 01	Replace distribution system.	\$490,256
	14	C	300	GREENBELT WATER COMPANY	4400598 03	Replace tank with new 60,000-gallon steel tank.	\$32,000
	14	C	288	NEW MINT WATER SYSTEM	1900036 01	COMPLETE REPLACEMENT OF WATER MAINS - FIRE HYDRANTS.	\$316,000
	14	C	284	Struve Rd. WS #2 - Moss Landing	2700772 01	Build storage tanks and take measures for well head protection. These projects would involve study, design, and construction.	\$50,000
	14	C	280	Queens Motel WS	2700706 01	Consolidate with CWSC - King City.	\$230,500
	14	C	280	PINE FLAT WATER COMPANY	5410034 01	INSTALLLL NEW WELLS AND STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$300,000
	14	C	273	TAMARRON MOBILE HOME PARK	5500193 01	REPLACE PUMPS AND PIPING. OTHER - DESIGN AND CONSTRUCTION	\$75,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	271	Phillipsville Water Association	1200541 01	Install complete water system including wells, pumps, water treatment and storage tank.	\$1,300,000
	14	C	270	CAMP VERNON KILPATRICK, CAMP FRED M	1907026 02	REPLACE FRESH POTABLE WATER SYSTEM WITH NEW LINES AND CONNECTIONS	\$800,000
	14	C	270	FAIRMEADE MAINT DISTRICT 33	2000554 01	CONSTRUCT A NEW WELL.	\$250,000
	14	C	270	Northcrest Trailer City	0800552 01	Hook up to City of Crescent City water system	\$30,000
	14	C	268	San Jerardo Water System	2701904 01	Drill new well and install new pump facilities. Obtain a standby generator and disinfection equipment & install them.	\$145,000
	14	C	263	Elk Creek CSD	1100616 02	Construct pipeline across creek. Loop dead end lines to reduce problems.	\$232,000
	14	C	260	LOST HILLS UTILITY DISTRICT	1510046 01	REPLACE 11 MILES OF TRUNK LINE, DEVELOP RELIABLE WATER SOURCE, UPGRADE PUMP STATION AND INSTALL STORAGE TANK FOR FIRE FLOW. OTHER - DESIGN AND CONSTRUCTION	\$1,500,000
	14	C	260	Placer CWA - Monte Vista	3110124 01	Install standby generator. Involves design and construction.	\$30,000
	14	C	260	ARROYO SECO WATER SYSTEM #2	2701658 01	Replacement of distribution system facilities, e.g. pipes, valves	\$30,000
	14	C	260	ARROYO SECO WATER SYSTEM #2	2701658 02	Add about 40,000 gallons of storage	\$30,000
	14	C	250	ZELLHOEFER WATER SYSTEM	1400097 01	Replace mainline, valves	\$19,600
	14	C	250	ZELLHOEFER WATER SYSTEM	1400097 02	Replace mainline, valves	\$18,600
	14	C	250	ZELLHOEFER WATER SYSTEM	1400097 03	Replace mainline, valves	\$12,500
	14	C	250	ZELLHOEFER WATER SYSTEM	1400097 04	Replace well transmission line, storage tank	\$34,800
	14	C	250	ZELLHOEFER WATER SYSTEM	1400097 05	Construct new well and tank	\$44,600
	14	C	250	PARADISE RANCH MOBILE HOME PARK	1910099 04	REPLACE 107,000 GAL. TANK.	\$35,000
	14	C	250	Coulterville CSA 1	2210901 02	INSTALL A PRESSURE SYSTEM FOR THE HIGHER ELEVATION CUSTOMERS AND INSTALL ALL NEW METERS AND VALVES.	\$200,000
	14	C	250	VOLTA COMMUNITY SERVICES DISTRICT	2400201 01	DRILL NEW WELL AND PROVIDE GENERATOR.	\$50,000
	14	C	250	Penn Valley Mobile Home Park	2911693 01	Install second well, storage tanks, pressure system, booster pumps, and two generators.	\$50,000
	14	C	250	R.R. Lewis Small WC	4600017 01	Replace 300 feet of 2" and 3" pipe with 4" pipe. Install new storage reservoirs. Purchase emergency chlorination equipment.	\$104,100
	14	C	250	El Portal Mobile Estates	4900799 01	Connect to City of Santa Rosa water supply or design an alternate form of water production.	\$250,000
	14	C	246	Pine Canyon Alco Water	2701870 01	Install six 50,000 gallon tanks, pumps, six standby generators, and pumphouses for three separate storage & booster facilities.	\$525,000
	14	C	245	RIVER VIEW WATER ASSN	0707577 01	Drilling deeper well and installing newer pump.	\$10,000
	14	C	230	SO CAL WC-VICTORVILLE #3	3600279 01	Replace mainline	\$216,000
	14	C	230	BUTANO CANYON MUTUAL WATER CO	4100503 01	Install new distribution system of high density polyethylene, with 96 metered connections and a new 40,000 gallon header tank at higher elevation.	\$450,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	230	Davenport WS - County Sanitation Di	4400571 03	Construction of new mains.	\$200,000
	14	C	225	MARINA VIEW HEIGHTS MAINT	2000551 01	INSTALL AN ADDITIONAL 100,000 GALLON STORAGE TANK.	\$100,000
	14	C	225	MOUNTAIN MEADOWS SUBDIVISION	2600620 01	Construct second storage tank	\$250,000
	14	C	225	CASITAS MUTUAL WATER COMPANY	5601104 01	Design to solve problem, increase pumping ability (psi), replace old lines & interconnect to form grids and loops.	\$150,000
	14	C	225	ALLEN ROAD MUTUAL WATER SYSTEM	1500483 01	DRILL NEW WELL. OTHER - STUDY, DESIGN, CONSTRUCTION AND OTHER	\$100,000
	14	C	212	Walnut Ranch Water Company	0600011 01	Construct additional water source and pipeline appurtenances.	\$150,000
	14	C	210	Kirkwood Meadows Public Utilit	0210002 01	Drill additional water well and related treatment facility construction.	\$300,000
	14	C	210	Kirkwood Meadows Public Utilit	0210002 02	Drill test wells to find reliable, high volume well.	\$40,000
	14	C	210	PINYON PINES COUNTY	3301512 01	Replace substandard mains.	\$75,000
	14	C	200	Town of Sunol	0110012 01	Replace 2" service main with 4" service mains. Install fire service mains and hydrants within the distribution system; Replace the existing transmission/supply pipeline.	\$533,080
	14	C	200	GRAND OAKS WATER COMPANY	1500374 01	DRILL AND EQUIP NEW WELL AND INSTALL ADDITIONAL STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION.	\$200,000
	14	C	200	METTLER COUNTY WATER DISTRICT	1500401 01	DRILL NEW WELL AND CONNECT TO SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	14	C	200	GASLITE MOBILEHOME PARK	1500515 01	Drill a new well or connect to city water. OTHER- Study, Design, and Construction	\$100,000
	14	C	200	Yosemite West Water System	2210924 01	CONSTRUCT A NEW WELL AND BACKUP GENERATOR, INSTALL AN EMERGENCY CHLORINATION SYSTEM, AND MAKE VARIOUS DISTRIBUTION SYSTEM IMPROVEMENTS.	\$670,000
	14	C	200	Princes Camp	2701355 01	Replace pipes and pump.	\$28,673
	14	C	200	Tularcitos MWC	2701800 01	Drill second well adjacent to our #1 well. Also, put in new pump and motor.	\$35,000
	14	C	200	Palm Springs Crest	3310081 01	Design and construct new steel tank to replace old tank, along with 3,000' of new water main to meet the waterworks standards and increase system reliability.	\$356,000
	14	C	200	Palm Springs Crest	3310081 02	Design and construct new well with pump, modify existing Well 25 pump for delivery to a higher elevation, along with 3,000' of new watermain to meet WWS, increase system reliability, and provide redundancy in source-of-supply.	\$397,000
	14	C	200	Palm Springs Crest	3310081 03	Design and construct new pressure reducing station, along with 2,500' of new watermain to meet the WWS and abandon the intermediate tank/booster facilities.	\$219,000
	14	C	200	Sierra Co. W.W.D #1, Calpine	4600019 01	Drill new well, construct new pumping station, and construct new storage tank (140,000 gallons). Replace old riveted steel pipe.	\$275,000
	14	C	200	Sonoma County CSA 41-Salmon Creek	4900543 01	Construct elevated storage tank.	\$75,000
	14	C	200	Sonoma County CSA 41-Salmon Creek	4900543 02	Improvements of the subsurface diversion.	\$10,000
	14	C	200	LONG CANYON WATER COMPANY CORP.	1500578 01	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$50,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	200	Woodson Bridge Estates	5200551 01	Build a water tower for storage.	\$0
	14	C	200	Camptonville CSD	0000221 01	Discover and develop water supply spring or well. Construct 1200 feet of 6" mainline. Construct new storage tank.	\$94,000
	14	C	200	Woodson Bridge Estates	5200551 02	Construct new lines.	\$250,000
	14	C	196	Fern Grove Club	4400572 01	(1) Replace one and a half miles of main line. (2) Drill a second well.	\$500,000
	14	C	196	TWAIN HARTE VALLEY MWC	5500080 02	INSTALL 4,752 FEET OF 6 INCH DIAMETER PVC PIPELINES.	\$35,640
	14	C	195	STEWART WC	3600297 01	Construct new pressure tank, repair leaks, replace well, replace booster pumps, redwood lines	\$150,000
	14	C	195	STEWART WC	3600297 02	Construct new well and two new reservoirs	\$150,000
	14	C	195	Sweetbriar Camp Association	4500237 01	Relocate dam. Install a liner inside the pre-filter box. Install 2 to 4 additional 5,400 gallon water storage tanks and a shed over the tanks. Remove and replace approximately 3 miles of pipe to provide the reliability required by the WW Standards	\$150,000
	14	C	191	Rolling Woods MWC	4400542 01	Replace water line.	\$12,500
	14	C	180	SKY HIGH RANCH INC	0500021 01	REPLACE/REMEDIALTE DISTRIB8UTION SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION	\$625,000
	14	C	180	HO-HO MOBILE HOME PARK	1000259 01	CONNECT TO FRESNO MUNICIPAL WATER SUPPLY - CITY OF FRESNO. OTHER - DESIGN AND CONSTRUCTION	\$50,000
	14	C	180	OAKVALE PARK	3700962 01	Installing a drinking water approved vinyl liner in tank.	\$5,000
	14	C	180	OAKVALE PARK	3700962 02	Installing isolation valves in distribution system.	\$7,000
	14	C	180	OAKVALE PARK	3700962 03	Installing larger water line of approved material to better serve residents and avoid damage to paved county rd.	\$20,000
	14	C	180	Green Mountain Water Company	4300560 01	Drill a second well.	\$19,000
	14	C	180	WOODSIDE MUTUAL WATER COMPANY	4100546 01	Replace existing pipes and provide more storage for fire protection	\$1,500,000
	14	C	175	Redwood Park C.S.D.	0800526 01	Replace the two water storage tanks with new tanks.	\$200,000
	14	C	175	West Palm Springs Village	3310078 01	Construct new well with pump, for increasing system reliability by providing redundancy in source of supply to meet the WWS.	\$149,000
	14	C	175	West Palm Springs Village	3310078 02	Design and construct 11,000' of new watermain to meet the WWS and increase system reliability by interconnecting the PZ source of supply sites and storage site with new watermain.	\$530,000
	14	C	175	OAK GLEN DOMESTIC WATER	3600185 01	Replace mainline	\$200,000
	14	C	175	Lake Canyon Mutual Water Company	4300522 02	Replace distribution lines.	\$94,000
	14	C	175	Redwood Park C.S.D.	0800526 02	Replace the water tank(s).	\$200,000
	14	C	174	BEAR CREEK COMMUNITY HOUSING	2400152 01	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM AND CONSTRUCT A NEW WELL SO THAT THE PLANADA CSD HAS SUFFICIENT SOURCE CAPACITY TO SUPPLY THE SYSTEM.	\$500,000
	14	C	172	OASIS R V PARK	1900677 01	REPLACE OLD GALVANIZED PIPES WITH PLASTIC PIPES	\$60,000
	14	C	170	FOOTHILL TRAILER PARK	1400037 01	Construct new well and tank	\$48,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	170	Garrapata Water System #1	2701257 01	Install new piping (supported in areas with steel beams in concrete), fencing, pumps, meters, storage tanks, and a new well.	\$124,900
	14	C	170	Michelle Mutual Water Company	4900552 01	Replace mains and upgrade hardware in the process: 40,000 gal redwood tank, approx. 7,400 feet of mains, wells and pumps as required.	\$190,000
	14	C	160	YOSEMITE FORKS ESTATES	2000527 01	REPLACEMENT OF PIPELINES. THIS PROJECT WILL ALSO BENEFIT THE ADJACENT CEDAR VALLEY SYSTEM WHICH IS INTERCONNECTED.	\$483,000
	14	C	160	OAKHURST MOBILE HOME ESTATES	2000593 01	Install a backup power unit.	\$800
	14	C	159	Rabb Park Community Ser. Dist.	0310015 02	INSTALL 750' OF C-900 PIPELINE. OTHER = DESIGN AND CONSTRUCTION.	\$38,000
	14	C	159	Rabb Park Community Ser. Dist.	0310015 04	REFINANCE AT LOWER INTERST RATE	\$11,250
	14	C	155	AWA La Mel Heights #3	0310019 01	DRILL A SECOND WELL AND REPLACE THE TANK WITH A LARGER, NEW ONE. OTHER = DESIGN AND CONSTRUCTION.	\$175,000
	14	C	154	SIERRA TWAIN HARTE MOBILE PARK	5500096 01	CONSTRUCT AN ADDITIONAL WELL.	\$25,000
	14	C	153	Johnsville PUD	3200505 01	Water available above present springs and dam. Construct 300 to 400 feet of pipeline.	\$100,000
	14	C	150	CHARLES BROWN WATER COMPANY	1400004 01	Replace distribution system piping	\$100,000
	14	C	150	CAMP WILLIAMS	1900529 01	RETAIN SERVICES OF REQUIRED PERSONNEL TO DO REPAIRS.	\$6,874
	14	C	150	I'SOT Well #3 & #15	2500911 02	Installation of an elevated storage tank and an enlarged pumping station to provide the reliability required by the Waterworks Standards.	\$250,000
	14	C	150	I'SOT Well #3 & #15	2500911 03	Consolidate existing water systems into one system, which will loop the distribution lines and provide the reliability required by the Waterworks Standards.	\$45,000
	14	C	150	CSA No. 31 (Stonegate WS)	3500006 01	Re-coat tanks.	\$100,000
	14	C	150	ACAMPO WATER SYSTEM	3901303 01	REPLACE WELL 2 WITH NEW WELL. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	14	C	150	Kelly Mutual Water Company	4900560 01	Replace distribution mains, hydrants, pressure tanks.	\$200,000
	14	C	150	Western Mobile Home Park	4900791 01	Run 2 inch line with 3/4 inch lateral to each of the 5 homes affected.	\$10,000
	14	C	150	TUD-PHOENIX LAKE PARK	5510025 01	INTERCONNECT TO THE ADJACENT SCENIC VIEW WATER SYSTEM.	\$36,000
	14	C	150	NEW AUBERRY WATER ASSOCIATION	1000063 01	Construct Two new wells	\$20,000
	14	C	150	NEW AUBERRY WATER ASSOCIATION	1000063 02	Replace circuits and service lines	\$5,000
	14	C	150	NEW AUBERRY WATER ASSOCIATION	1000063 03	Construct new storage tank	\$50,000
	14	C	150	MESCAL CREEK WATER INC.	1900147 03	INSTALL NEW LINES.	\$350,000
	14	C	150	Western Mobile Home Park	4900791 02	Run 2" line with 3/4" service connections to each home.	\$10,000
	14	C	149	Howell's Lakeside Water Co.	5200007 01	Install new tanks, upgrade pumps, clean wells and install plumbing.	\$100,000
	14	C	146	GAYLA MANOR	3900563 01	REPLACE EXISTING WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	\$450,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	140	SIERRA BREEZE MUTUAL WATER COMPANY	1500447 01	TREATMENT SYSTEM FOR NITRATES; REPLACE DISTRIBUTION LINES. OTHER - DESIGN, STUDY AND CONSTRUCTION	\$300,000
	14	C	140	Mesa Del Toro Mutual Water Co.	2701503 01	Replace storage tanks and water lines. Install a chlorination system.	\$10,000
	14	C	135	DONEY STREET NEIGHBORHOOD ASSOC.	1500284 01	CONSOLIDATE SYSTEM WITH EAST NILES & REFINANCE EXISTING DEBT. OTHER - REFIANCE, DESIGN & CONSTRUCTION	\$400,000
	14	C	135	Spaulding/Eagle Lake MWC	1800534 01	Replace 2-inch pipes with 6-inch pipes throughout the water system.	\$125,000
	14	C	133	Plaza Mobile Home Park	4900787 01	Activate 2nd existing nonoperational well by installing new pumps and chlorination system and enclose.	\$2,000
	14	C	133	Plaza Mobile Home Park	4900787 02	Activate second existing non-operating well by installing new pump, chlorination system, and enclosure.	\$5,000
	14	C	130	WILLOW PASS MOBILE HOME PARK	0707624 01	New system, replace pipes, storage tank, pump, install filtration to improve water quality.	\$200,000
	14	C	130	BIRCHIM COMMUNITY SERVICE	2600501 01	Replace mainline	\$250,000
	14	C	130	Laguna Seca Water Company	2700612 01	Install disinfection equipment. Upgrade storage and distribution lines.	\$55,000
	14	C	130	WILLOW PASS MOBILE HOME PARK	0707624 02	Install filtration system and new piping.	\$200,000
	14	C	128	Harding Water Users	0300515 01	REPLACE TANK AND PIPES . TANK IS LEAKING.	\$15,032
	14	C	125	Lake County CSA 16 - Paradise Valle	1700516 01	Conduct capacity analysis and develop master plan, study possibility of consolidation with Kono Tayee water system.	\$100,000
	14	C	125	Lake County CSA 16 - Paradise Valle	1700516 02	Consolidate with Kono Tayee water system with 800 ft connection line.	\$250,000
	14	C	125	Grizzly Lake RID-(Crocker/Welch)	3200107 02	Drill new well. Install 200,000 gallon storage tank. Install four new valves.	\$204,000
	14	C	125	Lakeshore Heights Mutual WC	4500014 01	Install a 250,000 gallon storage tank and all plumbing for operation to provide the reliability required by the Waterworks Standards.	\$250,000
	14	C	125	Mineral Homeowners Association	5200585 01	Replace distribution system pipes.	\$300,000
	14	C	120	McCoy Road Water System #5	2701040 01	Install tanks holding approx. 30,000 gallons and new pumping station. Install main lines from holding tanks with fire hydrants on new distribution lines.	\$150,000
	14	C	120	Clio PUD	3200509 01	Construct new 150,000 gallon storage tank. Replace 6,580 feet of 6" water main.	\$528,500
	14	C	120	TRAIL'S END	3301682 01	We were donated much larger tank in very good shape. We need money to contract out the assembly of our new tank.	\$20,000
	14	C	120	CLEMENTS WATER WORKS	3900504 01	DRILL SECOND WELL AND INSTALL AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	14	C	120	McArthur Mobile Home Park	4500084 01	Install additional well, storage tanks and pumps to provide the reliability required by the Waterworks Standards.	\$50,000
	14	C	120	MOTHER LODGE MOBILE ESTATES	5500125 01	INCREASE STORAGE OR HOOK TO PUBLIC SUPPLY	\$75,000
	14	C	112	HI DESERT MWC	3600123 01	Construct new hydro tank	\$38,000
	14	C	110	MAURLAND MANOR WATER DISTRICT	3900543 01	INSTALL PRESSURE TANK, REPLACE LINES WITH LARGER PIPES AND CONSOLIDATE WITH SYWSTEM 3901348. OTHER = DESIGN AND CONSTRUCTION	\$400,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	109	VEGA ROAD WATER SYSTEM #1	2700787 01	Construct new water tak and associated appurtenances.	\$175,000
	14	C	102	METROPOLITAN WATER COMPANY	1000057 01	CONNECT TO THE CITY OF FRESNO.	\$25,000
	14	C	102	METROPOLITAN WATER COMPANY	1000057 03	INSTALL NEW PIPELINES	\$14,000
	14	C	101	Holly Hills Mutual Water Company	2701789 01	New pumping station, new well, and increase storage.	\$150,000
	14	C	100	River Highlands CSD	0200176 01	Fix backwash system. Repair telemetry system. Install piping restraints and numerous safety items.	\$28,000
	14	C	100	Berry Creek CSD	0200184 01	Replace distribution system main piping.	\$50,000
	14	C	100	DUNROVIN MHP	0500068 01	INSTALL GENERATOR AND SMALL BACK-UP PUMP	\$20,000
	14	C	100	SIERRA RIDGE GROUP HOME	0500091 01	REPLACE DISTRIBUTION SYSTEM.	\$73,000
	14	C	100	Myers Flat Mutual Water System, Inc	1200538 01	Will replace 4-inch PVC main line under Highway 101 with 8-inch PVC. Replace 4-inch PvC with 6-inch PVC main stem line.	\$25,890
	14	C	100	ABERDEEN RESORT AND	1400020 01	Replace mainline and loop system	\$105,000
	14	C	100	BIG PINE CARE CENTER	1400062 01	Construct new tank	\$7,500
	14	C	100	BIG PINE CARE CENTER	1400062 02	Construct new distribution system	\$75,000
	14	C	100	BIG PINE CARE CENTER	1400062 03	Construct two replacement wells	\$14,000
	14	C	100	QUAIL VALLEY MUTUAL WATER COMPANY	1500379 01	CONNECT SYSTEM TO ADJACENT WATER UTILITY SYSTEM AND INSTALL BOOSTER STATION TO CREATE NEW PRESSURE ZONE. OTHER - DESIGN AND CONSTRUCTION	\$50,000
	14	C	100	Lake County CSA 22 - Mt. Hannah	1700563 02	Conduct capacity analysis and develop master plan, study possibility of consolidation with Loc Lomand water system.	\$100,000
	14	C	100	Blackie Road WS #18	2702094 01	Install all of the above.	\$35,000
	14	C	100	HIGH VALLEYS WATER DISTRICT	3301775 01	For the past 3 yrs. We have replaced approx. 1 mile a year of the bade pipe with ductile iron. This is approx. all that the budjet will allow. Although replacing pipe in the worst areas has helped, to save cost we replace all the pipe in house.	\$3,000,000
	14	C	100	Cascade Racquet Club MWC	4500012 01	Construct hydropneumatic storage tank; build larger pumping facility with standby generator to provide reliability required by the Waterworks Standards.	\$40,000
	14	C	100	Timber Cove County Water District	4900584 06	Connect to timber Cove WD system via pumping stations and new water main up to Timber Cove Road.	\$250,000
	14	C	100	Barts Mutual Water Company	4900843 01	Crill new well. Install new storage tank. Upgrade existing tanks or main pipeline. Upgrade existing controls and valves. Construct control station facility and chlorination system.	\$723,000
	14	C	100	Lazy Corral Mobile Home Park	5200516 01	Re-plumb to City water system.	\$380,200
	14	C	100	A AND A M.H.P.	5400504 01	Drill new Well	\$150,000
	14	C	100	Apple Street WS #2	2701034 01	Replace sections of the distribution system which may contain the contamination.	\$50,000
	14	C	100	Feather River RV and MHP	3200148 01	Shut down entire system and install pipes where needed and valves where necessary.	\$15,000
	14	C	100	Timber Cove County Water District	4900584 04	Install new larger water mains.	\$100,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	100	Timber Cove County Water District	4900584 05	Replace undersized asbestos cement pipes with properly sized pipes.	\$45,000
	14	C	100	Timber Cove County Water District	4900584 03	Larger pressure tank and system for area affected.	\$75,000
	14	C	100	Lazy Corral Mobile Home Park	5200516 02	Connect to Corning City Water System	\$180,000
	14	C	98	CORRAL HOLLOW	3900702 01	CONSTRUCT PRESSURE TANK AND BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTON	\$300,000
	14	C	95	MAMMOTH POOL MOBILE HOME PARK	2000589 01	INSTALL A NEW PUMP AND STORAGE TANK, AND A TREATMENT SYSTEM.	\$15,000
	14	C	95	MAMMOTH POOL MOBILE HOME PARK	2000589 02	Construct a new well and install storage.	\$17,500
	14	C	93	TICO MUTUAL WATER CO	5601122 03	Install a new well supply line	\$50,000
	14	C	93	TICO MUTUAL WATER CO	5601122 01	Add a pressurized 8,000 gallon storage facility to the system immediately downstream of the current main tank.	\$35,000
	14	C	93	TICO MUTUAL WATER CO	5601122 02	Provide chlorination treatment facilities for both wells.	\$15,000
	14	C	92	Willo Glen Mutual Water Company	3100573 01	Hook up to available PCWA with main meter. Install individual water meters at each existing connection.	\$40,000
	14	C	90	WILSONA GARDEN MUTUAL WATER CO.	1900155 01	DRILL A NEW WELL	\$39,000
	14	C	90	WILSONA GARDEN MUTUAL WATER CO.	1900155 02	SITE PREPARATION, PURCHASE, AND INSTALLATION OF A NEW 20,000 GAL. OR TWO 10,000 GAL. STORAGE TANKS.	\$16,000
	14	C	90	WILSONA GARDEN MUTUAL WATER CO.	1900155 03	UPGRADE TO A NEW 5,000 + GAL. TANK AND UPGRADE BOOSTER PUMP.	\$13,000
	14	C	90	LAZY H MUTUAL WATER CO	3700937 01	Replace 11250' mains and laterals with 8" and 4" C900 pipe, upgrade service connections.	\$213,500
	14	C	90	WILSONA GARDEN MUTUAL WATER CO.	1900155 04	DESIGN AND CONSTRUCT A NEW DISTRIBUTION SYSTEM COVERING APPROXIMATELY 163 ACRES.	\$50,000
	14	C	86	Moore's Mooring	0800653 01	Hook up to City of Crescent City water system. Need to install pipe from Front Street to First street water area and backup valves.	\$3,500
	14	C	85	MESA RANCH WATER COMPANY	3301428 01	Construct a transmission main pipeline connection of the water system to City of Blythe water system.	\$5,033,000
	14	C	85	Lakeshore Villa Mutual WC	4500008 01	Purchase generator compatible with 3 stage electrical system and build a structure to house generator to provide the reliability required by the Waterworks Standards.	\$20,000
	14	C	85	ROSELLA WATER COMPANY	5400934 01	Replace 210,000 gallon storage tank	\$150,000
	14	C	85	ROSELLA WATER COMPANY	5400934 02	Replace 210,000 gallon storage tank	\$150,000
	14	C	85	ROSELLA WATER COMPANY	5400934 03	Replace 210,000 gallon storage tank	\$150,000
	14	C	81	Bucktail Mutual Water Company	5301001 01	Construct new concrete block cover for in-ground reservoir	\$10,000
	14	C	80	KEELER COMMUNITY	1400036 02	Construct new 150k tank	\$125,000
	14	C	80	KEELER COMMUNITY	1400036 03	Construct new well	\$195,000
	14	C	80	KEELER COMMUNITY	1400036 04	Replace mainline	\$125,000
	14	C	80	Bel Arbres Mutual Water Company	2300608 02	Install clean out valve and two shut-off valves.	\$4,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	80	Bel Arbres Mutual Water Company	2300608 03	Install 18 backflow devices.	\$10,000
	14	C	80	BARSTOW-DAGGET AIRPORT	3600175 01	Install disinfection equipment, refurbish wellheads and tank, drill new wells	\$90,000
	14	C	80	Bel Arbres Mutual Water Company	2300608 01	Install 10,000 gal tank with ozone purifier and additional booster pump.	\$15,000
	14	C	80	LIME SADDLE ESTATES	0400057 01	Connect to Del Oro Water Company.	\$402,000
	14	C	78	WILLOWBANK CSA	5700549 01	Install new well, new distribution system, and increase water supply and flow.	\$600,000
	14	C	77	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 01	From 4" to 6" main line pipes. Existing system installed in 1959.	\$300,000
	14	C	75	SIERRA PINES MOBILE HOME PARK	0202522 01	Install larger tank and larger pump.	\$50,000
	14	C	75	DARWIN COMMUNITY	1400098 04	Construct new tank	\$200,000
	14	C	75	SUNSET RIDGE ESTATES	2000851 01	INSTALL A NEW WELL, 50,000 GALLON STORAGE TANK, AND DISTRIBUTION SYSTEM.	\$200,000
	14	C	75	CREEKSIDE VILLAGE	3100052 01	Connect to PCWA. Involves Construction and other.	\$130,000
	14	C	75	Smith Creek Mutual Water Company	3200086 01	Hire contractor to remove sand deposits, sandblast and recoat interior, repair support columns and paint exterior of tank.	\$10,000
	14	C	75	REDWOOD TERRACE MUTUAL WATER	4100510 01	Replace and upgrade piping, filtration pump capacity and dig another well.	\$120,000
	14	C	75	LOMA MAR MUTUAL WATER COMPANY	4100512 01	Engineer and design new treatment system.	\$18,000
	14	C	75	LOMA MAR MUTUAL WATER COMPANY	4100512 04	Enlarge system storage and reserve.	\$100,000
	14	C	75	LOMA MAR MUTUAL WATER COMPANY	4100512 05	Install and construct new system piping	\$400,000
	14	C	75	NORTH LONE PINE WATER DISTRICT	1400072 01	Construct new distribution system	\$40,000
	14	C	75	LOWER ROCK CREEK	2600538 01	Construct new 100k gal tank	\$80,000
	14	C	75	Elkhorn Road Water System #4	2700579 01	Replace pipes with new material which is up to standard.	\$21,500
	14	C	75	Elkhorn Road Water System #4	2700579 02	Replace tank.	\$20,000
	14	C	75	LOWER ROCK CREEK	2600538 02	Construct 900 ft of 6inch to loop upper zone	\$95,000
	14	C	72	SIERRA VILLAGE TRAILER PARK	5500353 01	CONSTRUCT AN ADDITIONAL WELL AND INSTALL A 20,000 GALLON STORAGE TANK.	\$48,000
	14	C	72	SIERRA VILLAGE TRAILER PARK	5500353 02	Install storage and water lines.	\$75,000
	14	C	70	Countryside Estates MWC	2702374 01	Install water meters. Build fence around storage tanks.	\$4,500
	14	C	70	COUNTRY AIR MOBILE HOME PARK	5800823 01	Upgrade current system to ensure adequate safe supply.	\$8,000
	14	C	70	LUNDY MUTUAL WATER COMPANY 1	2600532 01	Refinance loan, construct new tank and well, purchase generator and other equipment	\$500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	14	C	70	TAHOMA MEADOWS MUTUAL WATER CO	3100033	01	Repair or replace the tank.	\$75,000
	14	C	70	Hat Creek Highlands MWC	4500023	02	Install chain link fence around pumping/disinfection and remote storage facilities to provide the protection required by the Waterworks Standards.	\$5,000
	14	C	70	Hat Creek Highlands MWC	4500023	04	Replace disinfection tank to provide the reliability required by the Waterworks Standards.	\$6,500
	14	C	70	Hat Creek Highlands MWC	4500023	05	Replace storage tank to provide the reliability required by the Waterworks Standards.	\$65,000
	14	C	67	Moro Cojo Mutual Water Association	2700656	01	Purchase two 7500 gallon water tanks.	\$9,278
	14	C	67	Moro Cojo Mutual Water Association	2700656	02	Storage tanks and wells need to be repaired and/or replaced.	\$13,000
	14	C	66	Chetmoore Acres Water System	2700634	01	Install new water mains and two new 20,000 gallon storage tanks	\$50,000
	14	C	65	BRITE LAKE COMMUNITY ASSOCIATION	1500489	01	Replace 2000-3000 ft. of water line. Replace pump and well system	\$30,000
	14	C	63	CHAMISAL MWC	3600071	01	Replace mainline and storage facilities	\$500,000
	14	C	63	WILLOW WELLS MWC	3600345	01	Construct new mainline and storage facilities	\$340,000
	14	C	62	MOUNTAIN SPRINGS WATER COMPANY	1500540	02	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	\$220,000
	14	C	62	MOUNTAIN SPRINGS WATER COMPANY	1500540	03	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	\$220,000
	14	C	62	MOUNTAIN SPRINGS WATER COMPANY	1500540	04	Drill new well, add storage and replace undersized pipe with 4" diameter mains.	\$220,000
	14	C	60	HOPE FOUNDATION	0300062	01	INSTALL AUTOMATIC SHUT-OFF ON TANK FILL LINE. INSTALL FE & MN REMOVAL SYSTEM. DRILL BACK-UP WELL.	\$80,000
	14	C	60	Garlen Court WS	2700686	01	Design and construct a new roof and make other necessary repairs to the tank.	\$15,000
	14	C	60	DESERT VIEW TRAILER PARK	3301209	01	None listed	\$0
	14	C	60	CRAWFORD CANYON MWC	3600079	01	Construct new wells, repair reservoir, replace mainline	\$3,000,000
	14	C	60	Garlen Court WS	2700686	03	Replace existing distribution lines.	\$50,000
	14	C	59	Lake View Water Co.	2300606	02	Install readily accessible shut-off valves so system components can be isolated.	\$3,500
	14	C	57	Big Lagoon Subdivision	1200592	01	Purchase water system; overhaul electrical system; and add a generator to ensure continuous water delivery.	\$100,000
	14	C	57	MIAMI CREEK KNOLLS	2000557	01	CONSTRUCT A NEW DISTRIBUTION SYSTEM AND A 50,000 GALLON STORAGE TANK.	\$250,000
	14	C	56	DIRKSEN WATER SYSTEM	1500070	01	CONSOLIDATE WITH NEIGHBORING WATER SYSTEMS AND CITY OF SHAFTER. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	14	C	55	SIERRA MOBILE HOME RANCH	2900548	01	Install new well and install float-pressure switch for tank.	\$4,000
	14	C	55	Venture Estates MWC	3500552	01	Construct a pipeline to connect to Sunnyslope water system.	\$60,000
	14	C	55	Sonoma County CSA 41-Freestone	4900549	01	Replace the old 50,000 gal tank with new steel or redwood 50,000 gal tank.	\$80,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	50	CHILI BAR WATER SYS	0900202 01	Find additional backup source and improve quality of present system. Involves study, design and construction.	\$160,000
	14	C	50	SANDY CREEK VILLAGE	1000260 01	CONSTRUCT A NEW WELL AND UPGRADE THE DISTRIBUTION SYSTEM.	\$15,000
	14	C	50	Adams Springs Water District	1700501 01	System rebuild.	\$500,000
	14	C	50	Leafwood Road Water System #1	2700624 01	Replace storage tank with a steel tank. Possibly add a chlorination system.	\$35,000
	14	C	50	Lake Perris SRA	3310302 04	Replace 23, 4" - 8" diameter main line valves. Project will include purchasing a powered valve exerciser.	\$11,500
	14	C	50	Lake Perris SRA	3310302 05	Design and Construct 1/2 MG reservoir as addition to existing system, connect to existing distribution system. Tank foundation will have seismic protection.	\$350,000
	14	C	50	SAC CO BOY'S RANCH	3400182 01	Construct a new 250,000 gallon water storage tank. Involves design and construction.	\$250,000
	14	C	50	SAC CO BOY'S RANCH	3400182 02	Construct a new 150 gpm well and chlorine treatment system. Involves design and construction.	\$200,000
	14	C	50	Tucker Oaks East Water System	4500303 01	Add metered chemical to water supply at the well head to raise pH to 8.0 or above and thereby eliminate corrosivity and provide the reliability required by the Waterworks Standards.	\$20,000
	14	C	50	Tucker Oaks East Water System	4500303 03	Install a second pump in the well casing in order to work in tandem with the existing pump and serve as a backup in the event of the failure of one pump to provide the reliability required by the Waterworks Standards.	\$12,000
	14	C	50	Shasta View Heights H.O. Assoc.	4700630 01	Determine if well has been damaged by flood. If so, drill new well. If not, install new transmission line connecting well to system.	\$60,000
	14	C	50	Oak Valley Acres Property Owners As	4700638 01	Purchase and install a new booster pump and recondition the existing pump and use it for a backup.	\$2,500
	14	C	50	Oak Valley Acres Property Owners As	4700638 02	Install new, higher capacity well pump and two new 5,000 gallon storage tanks.	\$13,000
	14	C	50	Bend Mobilehome & RV Park	5200512 01	Solve problem with treatment (chlorination).	\$40,000
	14	C	50	MINERAL MTN ESTATES MWC	0500019 02	REPLACE THIN WALL PVC LINES WITH SCHEDULE 40 PVC	\$9,700
	14	C	50	SIERRA KING WATER CO	5400940 01	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	\$25,000
	14	C	50	SIERRA KING WATER CO	5400940 02	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	\$25,000
	14	C	50	SIERRA KING WATER CO	5400940 03	Provide additional storage and a backup well. Additional storage needed to ensure adequate contact time during high water demand periods.	\$25,000
	14	C	49	Tierra Vista MWC	2701959 01	Drill a new well, and replace storage tanks and delivery system.	\$80,000
	14	C	45	Alpine Water Company	1400501 01	Construct new well	\$50,000
	14	C	45	Orchard Lane WS #2	2700669 01	Need to drill new well.	\$40,000
	14	C	45	Aborn Heights Water Mutual Associat	4300792 01	Replace existing water tank. Pressurize entire system. Upgrade chlorine injection system.	\$150,000
	14	C	45	NORTH EDEN VALLEY	3100019 01	Construct an additional well to 400 ft. Add additional 20,000 gallons of storage capacity.	\$45,000
	14	C	45	Mira Monte Water Co.	5200560 01	Construct new well for water system.	\$30,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	45	Tucker Acres Mutual Water Co.	2800516 01	Put in approximately 1,100 feet of new water line, sawing through road then patching, 3 shut-off valves, one blow-off valve, necessary permits	\$60,000
	14	C	45	EMIGRANT GAP MUTUAL	3103310 02	Drill an additional well and connect to existing storage tanks several feet away.	\$15,000
	14	C	44	DEL SOL WATER CO-OP	1502597 01	Replace the old storage tanks w/ new polyvinyl tanks.	\$7,000
	14	C	40	MORAGA HGTS MUTUAL WATER CO	0707585 01	Replace system, expand filtration and develop further resources.	\$75,000
	14	C	40	KEOUGH HOT SPRINGS	1400034 01	Construct new distribution system	\$75,000
	14	C	40	KEOUGH HOT SPRINGS	1400034 02	Construct new well and tank	\$41,500
	14	C	40	KEOUGH HOT SPRINGS	1400034 03	Construct new well and tank	\$50,000
	14	C	40	JAMES WATER SYSTEM	1500462 01	possible water treatment or drill additional wells	\$70,000
	14	C	40	Outlook Water Association	2700622 01	Replace existing tanks with two concrete tanks and replace water mains, misc. plumbing, etc.	\$24,773
	14	C	40	Massini MWC	4900706 01	Install remote telemetry for continuous control and alarm status. Two of the three tanks will be replaced with larger steel tanks. An ozone generator will be installed at the well site to oxidize iron and disinfect the water.	\$250,000
	14	C	38	Meadow Lake Apartments	1400511 01	Drill additional well	\$14,500
	14	C	38	Arrowhead Cooperative Company	4300504 01	Run new 10-inch mains from SJWC to all streets. Abandon existing system. The study and design has already been done by SJWC.	\$1,642,632
	14	C	35	Northwoods Mutual Water System	0400003 02	Construct a new roof over 18,000 gallon in ground reservoir.	\$10,000
	14	C	35	COLORADO MUTUAL WATER CO.	1900801 01	UPDATE PUMP TO A 10 HP PUMP AND INSTALL AN AIR PRESSURE PUMP AND VARIOUS ELECTRICAL TO ACCOMMODATE CHANGE	\$4,000
	14	C	35	Corral de Tierra Estates	2700536 02	Repair or replace inoperable valves throughout the system.	\$10,000
	14	C	35	Corral de Tierra Estates	2700536 04	Install above.	\$5,000
	14	C	35	LAKE COMBIE MOBILE HOME PARK	2900526 01	Connect to NID's treated water line adjacent to property.	\$65,000
	14	C	35	HIDDEN VALLEY TRAILER PARK	5500127 01	CONNECT TO PUBLIC WATER SUPPLY. OTHER -DESIGN AND CONSTRUCTION	\$65,000
	14	C	35	Linda Falls Terrace	2800527 01	Replace tank with new tank.	\$10,000
	14	C	34	Buzztail Mutual Water Company	0400091 02	Construct a new 63,000 gallon storage tank.	\$35,000
	14	C	32	Rancho Chapparal Water Co.	2701278 03	Conduct assessment to determine storage requirements, and design/construct tank, pump, fittings, and plumbing	\$50,000
	14	C	30	Russian River Mutual	4900665 01	Replace transmission lines, increase storage, and install treatment.	\$75,000
	14	C	30	Pine Grove Trailer Park	0800800 01	Hook up to City of Crescent City water system.	\$20,000
	14	C	30	TUD-OAK HAVEN	5510032 01	INTERCONNECT VIA THE INSTALLATION OF A PIPELINE TO THE CRYSTAL FALLS SYSTEM.	\$124,000
	14	C	29	Strawberry WS #6	2700766 01	Replace holding tank and remove existing tank.	\$12,240
	14	C	29	Strawberry WS #6	2700766 02	Replace existing tank or tanks with new tank and new cement pad.	\$12,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	C	28	BEAR STATE W.W.	0901217 01	Add new well, storage, and treatment facilities. Involves study, design and construction.	\$200,000
	14	C	28	RANCHO SECO INC. WATER SYSTEM	1500327 01	CONSTRUCT A NEW SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	14	C	28	Sierra North CSD	1400109 01	Construct new well and tank	\$25,000
	14	C	25	Mountain Village Water Company	0400090 01	Construction of a new 20,000 gallon water storage system using polyethylene tanks.	\$18,000
	14	C	25	COSUMNES RIVER INDIAN ASSOC	3400168 01	New pump and piping, larger storage tank and valves.	\$83,000
	14	C	23	WEGIS WATER SYSTEM	1502600 01	Replace failing tankage w/larger storage tanks, install second distribution pump + associated piping, install new distribution piping + fire hydrant, eliminate dead leg. Other - Study/Design/Construction	\$90,000
	14	C	22	Paradise Rd. WS #21	2701633 01	Recoat tank, repair back-up well, and install water treatment system.	\$10,000
	14	C	17	Ed's Water Company #2	2700547 02	The electrical panel, tanks, and some water lines all need to be replaced. The application says the project only involves design, but it seems like it would also involve construction.	\$30,000
	14	C	17	Baumann Road WS #1	2700842 01	Replace holding tank, construct new line to the pump, and replace pressure tank.	\$4,500
	14	C	0	Crown Ranch Pumping Co	0001401 01	Install a new tank.	\$40,000
	14	C	0	San Diego Water Authority	3710042 02	A 3.8 mile pipeline and pump station from the Olivenhain Reservoir to the San Diego County Water Authority's second aqueduct	\$23,300,000
	14	C	0	San Diego Water Authority	3710042 03	Design and construction of a pump station and 12 mile pipeline from San Vicente Reservoir to the second aqueduct.	\$146,600,000
	14	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 04	Install one 60" valve.	\$200,000
	14	P	47865	GRIFFITH PARK	1907037 02	CONDUCT STUDY, DESIGN AND CONSTRUCTION TO SOLVE PROBLEMS.	\$4,710,000
	14	P	7000	YUBA COLLEGE	5800830 01	Abandon existing wells and connect to Linda County WD.	\$439,000
	14	P	5100	Mather AFB - Main Base	3410706 01	Perform an engineering study to identify replacement sources for wells abandoned because of contamination.	\$50,000
	14	P	5100	Mather AFB - Main Base	3410706 02	Replace undersized and aging distribution main.	\$2,500,000
	14	P	5100	Mather AFB - Main Base	3410706 04	Retrofit for adequate backflow protection.	\$230,000
	14	P	5100	Mather AFB - Main Base	3410706 05	Replace distribution system deficient valves and hydrants.	\$175,000
	14	P	2059	Aptos High School	4400750 01	Replace two storage tanks and tank pads. Construct a 450 foot well. Construct an underground "vault" which completely encloses the submersible well-pump apparatus.	\$400,000
	14	P	1400	RIO COSUMNES CC	3400229 01	Construct a new 300 gpm well with a treatment plant for Iron, Arsenic and Manganese. Involves design and construction.	\$250,000
	14	P	1400	RIO COSUMNES CC	3400229 02	Construct a new 250,000 gallon water storage tank for fire protection and emergency water supply. Involves design and construction.	\$250,000
	14	P	1100	SIERRA VIEW SCHOOL	2000846 01	DEEPEN THE EXISTING WELL TO INCREASE ITS CAPACITY AND INSTALL A CHLORINATION SYSTEM.	\$75,000
	14	P	1000	SAC CO BRANCH CENTER	3400180 01	Construct 500,000 g water storage tank with a 1,500 gpm booster station facility. Involves design and construction.	\$500,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	P	780	Salsipuedes Elementary School	4400757 01	Replace storage tank and construct structure to enclose tanks. Construct an enclosure to surround the well-pump. Replace all water lines.	\$60,000
	14	P	750	CURTIS CREEK ELEMENTARY SCHOOL	5500152 02	INSTALL NEW WATERLINE REPLACEMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$60,000
	14	P	750	CURTIS CREEK ELEMENTARY SCHOOL	5500152 01	HOOK UP SCHOOL TO PUBLIC WATER SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	14	P	700	Gerber Elementary School	5200519 01	Drill new well and delivery system (including electric hookup).	\$0
	14	P	500	Leggett Valley Schools	2300785 01	Well relocation, upgrade storage, better purification system.	\$100,000
	14	P	500	KNOLL ENTERPRISES	3600504 01	Construct new wells or treatment facility	\$500,000
	14	P	425	GLENWOOD SCHOOL	3900756 01	DRILL NEW WELL AND INSTALL PUMP AND TANK	\$45,000
	14	P	400	PESCADERO HIGH SCHOOL	4100513 01	Feasibility study to consolidate with CSA 311 San Mateo County.	\$15,000
	14	P	400	CLARKSBURG ELEMENTARY SCHOOL	5700509 01	Install 20,000 gallon tank.	\$33,000
	14	P	350	DELTA HIGH	5700510 01	Intstall 20,000 gallon storage tank. Involves design and construction.	\$35,000
	14	P	350	Lassen View School	5200538 01	Obtain new chlorination system.	\$10,000
	14	P	300	Calvary Church WS	2700703 01	Install seven tanks and 3000 feet of pipe.	\$60,000
	14	P	300	Renaissance High School	4400758 01	Replace two storage tanks and install two submersible well-pump motors. Construct a removable "shell" to surround the submersible well-pump.	\$50,000
	14	P	300	Walnut Grove School Water	3410999 01	Install storage tank to increase storage capacity.	\$50,000
	14	P	300	SAN FRANCISCO YMCA-JONES GULCH	4100538 03	Drilling a new well and providing pumping stations and pipeline to move water approximately 1 mile.	\$50,000
	14	P	250	CNTY OF SAN DIEGO-CAMP W FORK	3700236 01	Present water system is aging and a continued supply of drinking water is essential to serve this inmate population.	\$250,000
	14	P	240	CLAY JOINT ELEMENTARY SCHOOL	1000315 01	DRILL A NEW WELL AND EQUIPT. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	14	P	218	TUD-EAST SONORA	5510022 01	INTERCONNECT WITH THE SONORA WATER SYSTEM VIA PIPELINE AND PUMP STATION.	\$297,000
	14	P	200	DRY CREEK JOINT UNION SCHOOL	3100077 01	Scope and analyze recommendations. Recase or redrill a well.	\$25,000
	14	P	200	TECATE VISTA MUTUAL WATER CO	3700953 01	Repair and replace existing deteriorating piping.	\$10,000
	14	P	200	Igo-Ono School	4500188 01	Remove and replace all pipes leading from storage tank into the old school building to provide the reliability required by the Waterworks Standards.	\$50,000
	14	P	200	MERCED COUNTY HOUSING AUTHORITY/ATW	2400110 01	Construct treatment system	\$75,000
	14	P	180	DIAMOND VALLEY SCHOOL	0202501 01	Increase depth and capacity of wells and holding tanks for fire and pressure problem.	\$35,000
	14	P	175	Cedar Creek Elementary School	4500169 01	Improve spring or drill a new well to provide the reliability required by the Waterworks Standards.	\$60,000
	14	P	170	Capay Joint Union Elementary School	1100527 01	Improve waterline and install another 525 gallon tank in-line with the other one.	\$5,200

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	P	150	PENN VALLEY SHOPPING CENTER	2900532 01	Hook into the NID treated water system. Abandon the present well.	\$140,000
	14	P	150	Devil's Garden Conserv. Camp	2510800 01	Drill a new well, install new tank and install new disinfection system, including building.	\$250,000
	14	P	150	Tehama Co. Walnut Street Complex	5200005 01	See attached notes	\$0
	14	P	142	SHAWS FLAT ELEMENTARY SCHOOL	5500107 01	CONSTRUCT A NEW WELL AND INSTALL A 15,000 GALLON STORAGE TANK.	\$45,000
	14	P	130	ROUND VALLEY SCHOOL	1400019 02	Construct new well	\$12,000
	14	P	120	CANTUA CREEK RELOCATION	1000359 01	INSTALL AN ADDITIONAL STORAGE TANK TO INCREASE STORAGE CAPACITY FOR SYSTEM RELIABILITY.	\$200,000
	14	P	120	CDF-Konocti Conservation Camp	1710800 01	Replace distribution system, isolate irrigation system for wastewater and replace hydrants.	\$68,000
	14	p	120	Delta Conservation Camp	4810801 01	Need new storage tank.	\$45,000
	14	P	117	Whitmore Elementary School	4500181 01	Install 125 gallon bladder tank on a steel frame to provide the pressure required by the Waterworks Standards.	\$980
	14	P	100	Gold Beach Park	0909004 01	Needs second well and additonal storage to meet demands reliably.	\$0
	14	P	100	Mission School Water System	2702317 01	General system upgrade.	\$15,000
	14	P	100	LAWS TOWN WATER SYSTEM	1400102 01	Construct new well	\$150,000
	14	P	100	LAWS TOWN WATER SYSTEM	1400102 02	Replace mainline	\$30,000
	14	P	80	Manton School	5200532 01	Build a storage tank of about 30,000 gallons, and add new pipe for school.	\$10,000
	14	P	75	CALVARY BAPTIST CHURCH	1400017 01	Construct new well and tank	\$40,000
	14	P	75	CALVARY BAPTIST CHURCH	1400017 02	Connect system to city water system	\$25,000
	14	P	51	Stateline School	2500515 01	Replace old pressure tank with modern bladder type tanks to provide the reliability required by the Waterworks Standards.	\$9,050
	14	P	50	Jack Norton School	1200741 01	Replace entire roof on storage tank and repair infiltration gallery as necessary.	\$3,000
	14	P	50	MANTECA INDUSTRIAL PARK WATER SYSTE	3901322 01	CONSTRUCT TREATMENT FACILITY. OTHER = DESIGN AND CONSTRUCTION	\$600,000
	14	P	48	DEEP SPRINGS COLLEGE	1400068 01	Construct new tank	\$30,000
	14	P	48	DEEP SPRINGS COLLEGE	1400068 02	Replace distribution system piping	\$60,000
	14	P	45	Cedar Creek Mobile Home Park	4500063 01	Drill two wells and install pressure tanks and distribution lines to provide the reliability required by the Waterworks Standards.	\$15,000
	14	P	43	OLANCHA ELEMENTARY SCHOOL	1400042 01	Construct new distribution system and tank	\$18,000
	14	P	41	Arlington Elementary School	2500513 01	Drill a new well into a different higher flow strata to provide the reliability required by the Waterworks Standards.	\$17,345
	14	P	31	Morning Sky School	3301947 01	Replacement of failing equipment and outfitting of alternate well.	\$10,000
	14	P	30	SILVER SPRINGS HIGH SCHOOL	2900601 01	New well filtration system and storage tank.	\$19,000
	14	P	25	Plumas County Fairgrounds	3200008 01	Complete hookup to East Quincy CSD.	\$200,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	P	25	FARMERS FERTILIZER	3601054 01	Construct treatment facility, repair/replace motor	\$30,000
	14	N	2000	WILLOW SPRINGS RACEWAY	1502223 01	Bring electricity to water systems to replace generators	100,000,000
	14	N	1500	SAN MATEO COUNTY MEMORIAL PARK	4100536 01	Construct new water main. Feasibility study to consolidate water systems.	\$100,000
	14	N	1500	COLLEGE OF THE DESERT	3301155 01	Install new.	\$900,000
	14	N	1000	COACHELLA VALLEY HIGH SCHOOL	3301149 01	Abandon the wells and connect water lines to City of Coachella water (attached proposal	\$250,000
	14	N	1000	EISENHOWER MEDICAL CENTER	3301238 01	Planning on erecting above ground steel tank - small pumping station.	\$50,000
	14	N	940	Layman Association	3200151 01	A three to five year program to replace piping and valves, as money is available.	\$30,000
	14	N	911	CSP - J.P. Burns Park	2710302 01	Replace and relocate tanks. Install security fence and monitoring equipment.	\$24,000
	14	N	700	San Benancio School	2701227 01	The system would like to physically consolidate with Ambler Park Water Company.	\$175,000
	14	N	636	CSP-Salt Point State Park	4910310 01	Refurbish or locate and construct new well(s) and connect to existing system.	\$150,000
	14	N	586	CSP-Armstrong Redwoods State Reserv	4910306 01	Develop new well at north end of park to serve north day use area.	\$85,000
	14	N	560	SPRING CREEK TRACT ASSOC	0900506 01	To replace the aging distribution system using larger pipe to increase flows for fire protection.	\$685,000
	14	N	500	Oak Park	2700999 01	Install pressure system and replace aging water mains.	\$50,000
	14	N	500	Sonoma County Parks-Memorial Beach	4901222 01	Replace well, distribution lines, water pumps, chlorinator renovation.	\$110,000
	14	N	500	Oak Park	2700999 04	Replace existing potable distribution system with adequate separation.	\$40,000
	14	N	450	KERN CO P&R - KERN RIVER COUNTY PAR	1502318 01	REPLACE THE PIPE WITH A PVC PIPE WITH A NEW ALIGNMENT. OTHER - DESIGN AND CONSTRUCTION	\$98,000
	14	N	400	PIONEER SCHOOL WATER SYSTEM	0900111 01	Create additional source (another well). Install new holding tank and storage system. Involves design and construction.	\$35,000
	14	N	400	CAMP CHAWANAKEE	1000165 01	INSTALL A 60,000 GALLON STORAGE TANK AND PIPELINES.	\$250,000
	14	N	350	JH Ranch	4700807 01	Have already installed storage tanks with own funds. Need to install piping and controls to connect tanks with existing water system.	\$75,000
	14	N	340	CAMP TAWONGA	5500141 01	DRILL A SECOND WELL, ADD A 44,000 GALLON TANK, INSTALL CHLORINATION, LOOP THE SERVICE AREA.	\$213,000
	14	N	312	LOWER LINE CREEK IMPROVEMENT ASSN.	1000080 01	CONSTRUCT NEW WELL(S).	\$10,000
	14	N	300	MUSICK CREEK TRACT	1000058 01	CONSTRUCT A NEW WELL.	\$15,000
	14	N	250	DIAMOND ARROW CONF GRNDS WATER	2900567 01	Construction of an above ground metal tank.	\$95,000
	14	N	250	DE BENNEVILLE PINES INC	3600534 01	Replace mainline	\$245,000
	14	N	200	CAMP FRESNO JR	1000170 01	REPLACE THE OLD EXISTING STEEL PIPE AND VALVING.	\$110,000
	14	N	200	SAN JOSE FAMILY CAMP	5500145 01	DEEPEN THE EXISTING WELL BY 200 FEET, REPLACE AGING GALVANIZED LINES TO TANKS, AND ADD A NEW 10,000 GALLON TANK.	\$40,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	N	200	Sonoma County Parks-Stillwater Cove	4901207 01	Replace well, distribution lines, water pumps, chlorinator and tanks.	\$125,000
	14	N	200	CAMP ST NICHOLAS WATER SYSTEM	1502249 01	MORE CAPACITY & FIRE PREVENTION FOR CAMP	\$35,000
	14	N	185	AZALEA TRAILS GIRL SCOUT CAMP	3301025 01	Would like to construct a 20,000 to 40,000 gallon storage tank and replace approximately 2000' of 4-inch line and approximately 3000 of 2-inch line.	\$100,000
	14	N	180	REGIONAL LEARNING CENTER	5500171 01	INSTALL NEW TANKS AND HOOK-UP	\$45,000
	14	N	170	CAMP TA TA POCHON	3600537 01	Construct new storage facility	\$50,000
	14	N	150	CAMP VALCREST	1900620 01	REPLACE EXISTING 2" WATER INTAKE PIPES (140") WITH NEW 4" LINES TO MAIN WATER TANK.	\$21,000
	14	N	150	RENDEZVOUS WATER CO.	3700001 01	Rehabilitate well #2, add new pump, storage tank, transmission line to connect systems	\$7,200
	14	N	150	Walden West, Ofc. of Education	4300764 01	Have cross-connection test performed. Install meters. Repair steel tank - some structural modifications, new access hatch, enhance roof vent/ladder, etc.	\$6,000
	14	N	150	MUSICK MEADOW 2	1000061 01	CONSTRUCT ANOTHER STORAGE TANK AND IMPROVE OLD PIPELINES.	\$275,000
	14	N	135	MEADOW LAKES CLUB	1000056 01	INSTALL A NEW TRANSMISSION LINE.	\$100,000
	14	N	123	CHRISTMAS COVE COMPANY	4000642 01	Drilling a new well and providing a new storage tank with automatic chlorination, filtration and water softener.	\$25,000
	14	N	120	OAKLEY MUTUAL WATER CO	0706004 01	replace as necessary.	\$100,000
	14	N	110	CAMP KEEP SIERRA	5402055 01	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	\$10,200
	14	N	110	CAMP KEEP SIERRA	5402055 02	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	\$10,200
	14	N	110	CAMP KEEP SIERRA	5402055 03	Install 600' transmission main; reokace existing fixtures with low flow fixtures (9toilets, 2 urinals); install sediment strainers at 4 locations; install 3 flow meters.	\$10,200
	14	N	100	CAMP KERN/MIRIMICHI	1000159 01	DRILL A WELL.	\$22,000
	14	N	100	Church of the Good Shepherd	2702050 01	Replace tanks and pads.	\$50,000
	14	N	100	S.P.C. A. of Monterey County	2702370 02	Install disinfection system.	\$5,000
	14	N	100	Aetna Springs Resort	2800569 01	Purchase five 5,000 gal tanks. Move chlorination system to location of new tanks to provide more contact time.	\$25,000
	14	N	100	Camp Ross Relles Water System	2900520 01	Build 50,000 gallons of water storage on camp property 200 feet above the living area; plumbing from the well to the tanks and back. Possible new well or well upgrade.	\$125,000
	14	N	100	ALPINE VILLAGE WATER COMPANY	5400708 01	INSTALL NEW STORAGE TANKS, LOOP THE WATER SYSTEM, ADD VALVE TO ISOLATE THE SYSTEM, INSTALL A CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$68,300
	14	N	100	Sonoma County Parks-Putnam Park	4901223 01	Replace well, distribution lines, water pumps, chlorinator and tank.	\$125,000
	14	N	100	CAMP EL-O-WIN	1000166 01	BURY ALL WATER LINES BELOW THE FREEZE LINE.	\$20,000
	14	N	100	MARTINS BEACH	4100515 01	Modernize the existing purification system.	\$50,000
	14	N	86	Kingvale Property Owners and Water	2947000 01	Install a well and storage/pressure system. Involves design and construction.	\$50,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	14	N	70	Milton Road Water Company	2801080 01	Redesign, trench and lay new pipeline, laterals and valves.	\$30,000
	14	N	60	FAR HORIZONS CAMP	5400896 01	Install a new 3" diameter water main	\$20,000
	14	N	60	FAR HORIZONS CAMP	5400896 02	Install a new 3" diameter water main	\$20,000
	14	N	60	FAR HORIZONS CAMP	5400896 03	Install a new 3" diameter water main	\$20,000
	14	N	50	Immaculate Heart Hermitage-New Cama	2702268 01	Construction of 3 new tanks.	\$12,000
	14	N	50	MISSION BETHEL CHURCH	2902364 01	Construct additional well at 30 ft and install a storage tank.	\$10,000
	14	N	50	NORTH SHORE BOAT AND SKI CLUB	4000652 01	Install new large tank (replace 3 each 7,500 gallon tanks with one 100,000 gallon tank)	\$35,000
	14	N	50	Soledad Mission WS	2701176 01	New well and pipes.	\$10,000
	14	N	46	Redding Odd Fellows Camp	5301004 01	Repair or replace storage tank roof. Repair leaks in filter system.	\$12,000
	14	N	40	Ananda Seclusion Retreat	2911934 01	Install new tank and tower.	\$30,000
	14	N	40	City of Blythe - Airport	3301553 01	Construct a transmission main pipeline connection of the water system to the City of Blythe water system.	\$5,000,000
	14	N	40	Covington Mill - A	5301103 02	Develop a second deep well site to augment the existing well, and provide additional source reliability.	\$30,000
	14	N	30	MELODY KNOLLS WC	3600541 01	Replace mainline and meters	\$15,000
	14	N	25	Harrison Road Water System #1	2700592 01	Replace storage tank.	\$5,000
	14	N	25	Cypress Church	2702030 01	Remove old tank, replace with a new one, and add an additional tank along with necessary water lines.	\$15,000
	14	N	25	Pacific Valley School WS	2702254 01	Need to install new well, storage tank, and pipes.	\$30,000
	14	N	25	CAMP RADFORD/LA CITY R&P	3600531 01	Make wellhead repairs, construct new tank	\$85,000
	14	N	25	PONDEROSA GUEST RANCH	3601016 01	Construct new storage tank, rehab well, replace mainline	\$2,500,000
	14	N	25	BUTTONWOOD INDUSTRIAL PARK	4000763 01	Drill new well	\$30,000
	14	N	0	CSP - Andrew Molera State Reserve	2710301 01	Dig up and relocate existing line away from river bank. Install monitoring equipment to improve inspection of the system.	\$12,000
	14	N	0	Uvas Canyon County Park	4300616 01	Replace 22,000 gallon redwood tank and well pump to provide additional water quality protection.	\$75,000
	14	N	0	SCC Animal Shelter/Airport	4300814 01	Implement all recommendations of certified cross-connection control specialist's survey (included with pre-application).	\$20,000
	14	S	100	Sierra Pines Park Water System	0202001 01	New pump and pressure system using larger storage tank.	\$50,000
	14	S	30	MULLER MUTUAL WATER	0012162 01	CONSOLIDATE WITH AREA WATER SYSTEM & TIE IN WITH EAST NILES C.S.D. OTHER - DESIGN AND CONSTRUCTION	\$400,000
	14	S	10	HINSLEY STREET WELL	0012161 01	CONSOLIDATE WITH OTHER NEARBY WATER SYSTEMS AND EAST NILES CSD. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$400,000
	15	C	1200000	East Bay MUD	0110005 02	Purchase and install combination meter/backflow devices for residential customers that have wells and also purchase backflow prevention devices for hydrant meters used by contractors obtaining water during construction.	\$1,338,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	1200000	East Bay MUD	0110005 03	Replace deteriorating distribution pipelines.	\$31,600,000
	15	C	1200000	East Bay MUD	0110005 04	Modifications of standard regulators to improve the reliability of the distribution system.	\$3,288,000
	15	C	1200000	East Bay MUD	0110005 05	CLAREMONT CENTER IMPROVEMENTS UPGRADE PUMPING FACILITIES, REPLACE OLD ELECTRICAL EQUIPMENT AND PUMPS.	\$11,500,000
	15	C	1200000	East Bay MUD	0110005 06	Modification of substandard pumping plants to improve the reliability of the distribution system.	\$2,179,000
	15	C	1200000	East Bay MUD	0110005 09	Ongoing project to inspect, recoat, and rehabilitate two to three distribution system steel reservoirs per year.	\$12,900,000
	15	C	1200000	East Bay MUD	0110005 12	Replacement of approximately 10,000 feet 60-inches in diameter, from San Pablo reservoir to Sobrante reservoir..	\$7,470,000
	15	C	1200000	East Bay MUD	0110005 14	Add the following; 1, Chlorine residual, 2. Particle counting, 3. Water temperature, 4. Connectivity.	\$1,000,000
	15	C	1200000	East Bay MUD	0110005 15	Rebuild filters and underdrain systems to correct problems associated with poor surface water filtration at Orinda WTP.	\$1,700,000
	15	C	1200000	East Bay MUD	0110005 16	Replace Redwood tanks which have historically been sources of high bacterial concentrations with steel tanks. Install reservoir sampling and on-site treatment/disinfection facilities. Install chlorine residual and conductivity monitoring system.	\$8,800,000
	15	C	1177400	San Diego - City of	3710020 13	Alvarado water filtration plant expansion and rehabilitation project: operations building.	\$9,500,000
	15	C	1177400	San Diego - City of	3710020 29	Alvarado Water Filtration Plant Expansion and Rehabilitation Project: Contract 8, Electrical Improvments.	\$7,300,000
	15	C	1177400	San Diego - City of	3710020 38	See attached. SCADA	\$3,551,000
	15	C	1177400	San Diego - City of	3710020 41	(La Jolla View Reservoir) Repair existing deficiencies.	\$308,000
	15	C	1177400	San Diego - City of	3710020 42	See attached: Scripps Ranch Reservoir	\$762,300
	15	C	1177400	San Diego - City of	3710020 34	This project would provide for the design and construction or modification of a number of the treatment plants auxiliary systems.	\$10,000,000
	15	C	944000	San Jose Water Company	4310011 01	Install hypochlorinators at 12 additional wellfields.	\$1,500,000
	15	C	944000	San Jose Water Company	4310011 05	Install 125 dedicated, lockable sampling stations.	\$375,000
	15	C	750000	SF Public Utilities Commission	3810001 04	Provide cleaning of exposed reinforcing steel and patching of concrete where needed.	\$1,368,000
	15	C	750000	SF Public Utilities Commission	3810001 05	Remove existing deteriorated coal tar/mortar coating and apply new protective coating. Repair leaky expansion joints.	\$350,000
	15	C	750000	SF Public Utilities Commission	3810001 07	Replace BDPL # 1 with new welded steel pipe from Irvington Portal to Pulgas Portal.	\$225,000,000
	15	C	750000	SF Public Utilities Commission	3810001 08	Build a fifth pipeline in existing city right of way from Irvington Portal to Pulgas Tunnel. Perform study of pipeline route.	\$195,000,000
	15	C	750000	SF Public Utilities Commission	3810001 09	Upgrade four Bay Division pipelines at Hayward fault, so that they can withstand an earthquake of Richter magnitude 7 or greater.	\$67,050,000
	15	C	750000	SF Public Utilities Commission	3810001 15	Study capacity increase, existin piping and valving arrangement which is aging and poses certain operational difficulties.	\$32,000,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	750000	SF Public Utilities Commission	3810001 16	RELOCATE PUMP STATION INCLUDING REPLACEMENT OF NECESSARY PUMP, STANDBY POWER AND PIPING. FIND A NEW LOCATION FOR PUMP.	\$2,500,000
	15	C	750000	SF Public Utilities Commission	3810001 18	CONSTRUCT AN ENTIRE NEW INFRASTRUCTURE OF 8", 12", AND 16" DUCTILE IRON MAINS IN A PHASED PROGRAM CONSISTENT WITH PROPOSED DEVELOPMENT.	\$15,000,000
	15	C	750000	SF Public Utilities Commission	3810001 22	INVESTIGATE EXISTING SYSTEM AND DEVELOP LISTING OF MOST VIABLE CANDIDATES FOR MORTAR LINING. REPLACE, REPAIR, AND RELINE OF THE MORTAR AND FEEDER MAINS.	\$540,000
	15	C	750000	SF Public Utilities Commission	3810001 23	REPAIR AND REPLACE EXISTING DOORS, TUNNEL AND ACCESS ROADS.	\$9,980,000
	15	C	750000	SF Public Utilities Commission	3810001 26	DETERMINE NEED FOR MODIFICATIONS TO THE INLET/OUTLET PIPING TO ASSURE ADEQUATE MIXING TO ALLEVIATE WATER QUALITY PROBLEMS AND TO ENHANCE OPERATION AT EACH RESERVOIR.	\$10,000,000
	15	C	750000	SF Public Utilities Commission	3810001 27	PROVIDE REDUNDANT CONNECTION OF PALO ALTO PIPELINE, INCLUDING REDWOOD CITY SERVICE TO BAY DIVISION PIPELINES #1 AND #2.	\$334,000
	15	C	750000	SF Public Utilities Commission	3810001 29	REVIEW AND DESIGN PRESSURE CARRYING CAPACITY.	\$28,700
	15	C	750000	SF Public Utilities Commission	3810001 30	INSTALL TWO CONTROL VALVES ON EACH PIPELINE AT THE PULGAS VALVE LOT. INSTALL A BYPASS AROUND INDIVIDUAL VALVES TO REGULATE LOW FLOWS.	\$775,000
	15	C	750000	SF Public Utilities Commission	3810001 34	Renew all old, obsolete and inadequate services in the city.	\$34,760,000
	15	C	750000	SF Public Utilities Commission	3810001 35	Survey and recommend which pumps, motors and starters that can be used in more than one location. Replace identified trols, and valves that allow hydro-pneumatic pump stations.	\$968,000
	15	C	750000	SF Public Utilities Commission	3810001 39	Develop master plan. Design of SCADA system covering the high priority remote site identified in the master plan.	\$26,046,275
	15	C	750000	SF Public Utilities Commission	3810001 45	Replace the plastic water mains with ductile iron piping. Reconfigure some of the existing network of water mains to compartmentalize the Treasure Island system.	\$35,000,000
	15	C	750000	SF Public Utilities Commission	3810001 47	exercise approximately 10 percent of the 15,500 gate valves each each year; determine if a particular valve needs to be repaired or replaced.	\$15,000,000
	15	C	750000	SF Public Utilities Commission	3810001 50	Thoroughly analyze the performance of the plant to identify unit processes which limits the plant's capability for extended periods of time.	\$27,000,000
	15	C	750000	SF Public Utilities Commission	3810001 54		\$775,000
	15	C	750000	SF Public Utilities Commission	3810001 57	Replace 2 out of 12 tanks at Sunol Valley Water Treatment Plant and HTWTP; Provide standby electric power at disinfection monitoring stations. Provide a deep well water quality monitoring stations at Thomas Shaft.	\$12,800,000
	15	C	750000	SF Public Utilities Commission	3810001 66	Obtain property for the new reservoir; Construct new 500,000 gallon reservoir including all necessary connection piping and ancillary facilities.	\$4,060,000
	15	C	750000	SF Public Utilities Commission	3810001 68	1). Westside basin groundwater mgmt; 2). Lake Merced lake level mgmt; 3). Salt water intrusion monitoring; 4). GG Park and zoo well installation and development; 5). West Basin water supply 6). Lobos Basin invest.	\$18,000,000
	15	C	750000	SF Public Utilities Commission	3810001 70	Conduct watershed assessment.	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	750000	SF Public Utilities Commission	3810001 71	Conduct an assessment of the watershed (that is annual sanitary surveys, GIS database, monitoring programs).	\$500,000
	15	C	750000	SF Public Utilities Commission	3810001 72	A watershed management plan will be developed.	\$2,000,000
	15	C	750000	SF Public Utilities Commission	3810001 75	Watershed management	\$1,465,750
	15	C	750000	SF Public Utilities Commission	3810001 76	Sanitary Survey	\$110,000
	15	C	750000	SF Public Utilities Commission	3810001 77	Sanitary Survey	\$110,000
	15	C	750000	SF Public Utilities Commission	3810001 100	Develop a facilities master plan to implement new water supplies in the SFPUC delivery system, and to integrate the facilities plan with ongoing SFPUC capital planning efforts.	\$1,500,000
	15	C	750000	SF Public Utilities Commission	3810001 101	Conduct a study to define criteria for chemical types, doses, methods of addition and site selection. Construction drawings and specifications will be developed from these recommendations. The facility will then be built according to these drawings	\$1,000,000
	15	C	750000	SF Public Utilities Commission	3810001 102	The facility will be constructed according to the construction documents.	\$650,000
	15	C	750000	SF Public Utilities Commission	3810001 103	Study the drainage and erosion issues. Develop baseline information and recommend permanent low maintenance solutions which include: tree removal retaining walls, erosion control mesh, the installation of a hillside drainage system and reconfigur.	\$9,360,000
	15	C	750000	SF Public Utilities Commission	3810001 104	Will address obvious seismic hazards at San Antonio Pump Station. Improvements will include suspended tanks and duct work, retrofit of pump switchgear, generator and compressor anchorages and installation of flexible couplings.	\$2,000,000
	15	C	750000	SF Public Utilities Commission	3810001 105	Replace or repair the deteriorated trestles.	\$125,733
	15	C	750000	SF Public Utilities Commission	3810001 106	Replace R60 at San Pedro Valve Lot.	\$850,000
	15	C	750000	SF Public Utilities Commission	3810001 107	Provide chlorine monitoring of the Hetch Hetchy aqueduct supply in the Coast Range Tunnel, storage and transmit the monitoring data to appropriate Water Supply and Treatment facilities.	\$222,000
	15	C	750000	SF Public Utilities Commission	3810001 108	Install two throttling stations on Pipeline #2 downstream from Oakdale Portal.	\$1,973,000
	15	C	750000	SF Public Utilities Commission	3810001 109	Provide Baden Pump Station with standby power, seismic retrofit, fire protection and security access.	\$7,995,000
	15	C	750000	SF Public Utilities Commission	3810001 110	Install small propane generators and upgrade UPS for backup at baden Pump Station. East Portal and Casey Quarry.	\$350,000
	15	C	750000	SF Public Utilities Commission	3810001 78	Preparation of standard procedures, planning, design, and installation of cathodic protection system to minimize or eliminate corrosion.	\$2,000,000
	15	C	750000	SF Public Utilities Commission	3810001 79	Replace manual valves with automated/motorized valves	\$3,780,000
	15	C	750000	SF Public Utilities Commission	3810001 80	Connect the Palo Alto Pipeline, including the Redwood City Service, to Bay Division Pipelines Nos. 1 and 2 west of valves A60 and B 60.	\$641,501
	15	C	750000	SF Public Utilities Commission	3810001 81	The problem is in the process of being analyzed and remedial measures will be taken to reduce the risk of damage from slope failure thereby protecting the pipeline from damage.	\$460,000
	15	C	750000	SF Public Utilities Commission	3810001 82	Construct about 4500 LF of 84 inch steel pipeline adjacent to existing prestressed pipeline. Addition of this line will allow WD additional operational flexibility.	\$4,025,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	750000	SF Public Utilities Commission	3810001 83	Add 3 variable frequency drives for each 125 HP decant pumps at SVWTP. Install Programmable Logic Controller to sequence pumps relative to flow of water from decant lagoon to decant pump. Convert existing manually operated valve to motor valve.	\$574,000
	15	C	750000	SF Public Utilities Commission	3810001 84	Develop a testing plan for the evaluation of various operational plans.	\$1,070,000
	15	C	750000	SF Public Utilities Commission	3810001 85	Upgrades covered in this project are: roof repair, expansion joint replacement, painting coating paving, and tank replacement. This project will lead to improvements in water quality operations and emergency operation benefits.	\$47,977,000
	15	C	750000	SF Public Utilities Commission	3810001 86	This project involves conceptual engineering hydraulic modeling, physical modeling, detail design and construction.	\$14,230,000
	15	C	750000	SF Public Utilities Commission	3810001 87	Develop the in-house capability to analyze the transmission and distribution flows throughout the system.	\$640,000
	15	C	750000	SF Public Utilities Commission	3810001 88	Modify the piping and valving at the San Antonio Pump to further increase the flexibility of operations and maintenance.	\$1,114,000
	15	C	750000	SF Public Utilities Commission	3810001 89	Provide the necessary facilities to support the SCADA project by adding telemetry to the pump station which will be tied into the Lake Merced Pump Station . Construct a pump station to provide adequate supply to each of the In-City Reservoirs.	\$12,775,000
	15	C	750000	SF Public Utilities Commission	3810001 90	Outer reaches of Sunset zone can be eliminated, a freeboard of 10-25 feet at the Sunset Reservoir could be utilized to improve water circulation and reduce the accumulation of THM'S.	\$4,250,000
	15	C	750000	SF Public Utilities Commission	3810001 91	A new pump station will meet the CDD's standards for reliability and efficiency. The station will be equipped with back-up pumps, emergency power and SCADA compatability.	\$6,830,000
	15	C	750000	SF Public Utilities Commission	3810001 92	Provide for a study of all in-city resrvoirs to determine the need for modifications to the inlet/outlet piping.	\$2,859,000
	15	C	750000	SF Public Utilities Commission	3810001 93	Construct, replace or extend feeder mains/distribution mains.	\$100,000,000
	15	C	750000	SF Public Utilities Commission	3810001 94	Conduct chemical studies and recommend capital improvements.	\$914,375
	15	C	750000	SF Public Utilities Commission	3810001 95	Address the need to design and construct water quality improvements will allow for the unimpeded operation of Moccasin Reservoir as a balancing forebay for the Foothill Tunnel. Detail design for Cherry Rock Trap Cleaning.	\$2,293,939
	15	C	750000	SF Public Utilities Commission	3810001 96	Upgrade the Calaveras Potassium Permanganate facility which is upstream of the SVWTP.	\$2,069,000
	15	C	750000	SF Public Utilities Commission	3810001 97	Provide a concrete lining in sections of the canal to eliminate turbidity and the potential contamination of the Mocassin Reservoir. In addition, concrete repairs will be made to the Mocassin Powerhouse where erosion has occurred.	\$1,160,000
	15	C	750000	SF Public Utilities Commission	3810001 98	Repair and replace the existing transmission main lines and bypass valves.	\$715,000
	15	C	750000	SF Public Utilities Commission	3810001 99	Replace those pipes that are in corroded condition.	\$1,551,846
	15	C	500000	Sonoma County Water Agency	4910020 03	Install early warning systems in three locations to detect contamination before water is delivered to Agency customers.	\$1,615,000
	15	C	475000	FRESNO, CITY OF	1010007 01	INSTALL DIESEL-POWERED ELECTRICAL GENERATORS AT 28 PUMP STATIONS.	\$1,500,000
	15	C	475000	FRESNO, CITY OF	1010007 02	REPLACE 30 OIL LUBED PUMPS WITH WATER LUBED PUMPS.	\$585,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	475000	FRESNO, CITY OF	1010007	05	CONSTRUCT IMPROVEMENTS TO THE RAW WATER CONVEYANCE TO PROVIDE SOURCE WATER PROTECTION.	\$4,000,000
	15	C	475000	FRESNO, CITY OF	1010007	06	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	\$10,000,000
	15	C	475000	FRESNO, CITY OF	1010007	07	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	\$10,000,000
	15	C	475000	FRESNO, CITY OF	1010007	08	DESTRUCTION OF ALL WELLS WITHOUT ANNULAR SEALS AND CONSTRUCTION OF 75 REPLACEMENT WELLS WITH NECESSARY IMPROVEMENTS.	\$10,000,000
	15	C	374600	Sacramento, City of	3410020	01	Replace existing pipes with adequate pipe sizes. Involves refinancing and construction.	\$2,900,000
	15	C	374600	Sacramento, City of	3410020	02	Abandon existing mains and construct new mains in street. Involves refinancing, design and construction.	\$2,500,000
	15	C	374600	Sacramento, City of	3410020	04	Place new coating and install impressed current cathodic protection systems. Involves design and construction.	\$2,400,000
	15	C	374600	Sacramento, City of	3410020	05	Implement a wellhead protection program in accordance with DHS requirements.	\$330,000
	15	C	374600	Sacramento, City of	3410020	06	Update survey during 1998.	\$200,000
	15	C	253705	EASTERN MWD	3310009	02	Construct four additional groundwater production wells. (2 per yr)	\$1,300,000
	15	C	253705	EASTERN MWD	3310009	04	Construct a water harvesting facility at the San Jacinto Reservoir and equipment same with a pumping plant and pipeline to recover the rain run-off so captured for groundwater recharge.	\$770,000
	15	C	253705	EASTERN MWD	3310009	05	Purchase capacity in the Temescal Valley Regional Interceptor to convey the brine via the Santa Ana Interceptor to convey the brine via the Santa Ana Interceptor to the County Sanitation District of Orange County treatment plant and purchase capacity	\$10,780,000
	15	C	253705	EASTERN MWD	3310009	13	Combine both pressure zones and construct a 4.6 MG finished water storage tank and transmission pipeline.	\$4,118,000
	15	C	253705	EASTERN MWD	3310009	14	Conduct a feasibility study complete with fieldwork to determine what will be needed in terms of a new finished water storage tank and/or additional transmission pipelines.	\$100,000
	15	C	253705	EASTERN MWD	3310009	16	Consolidate the three systems, construct a 3.4 MG finished water tank and transmission pipelines.	\$4,130,000
	15	C	253705	EASTERN MWD	3310009	17	Construct the transmission pipeline needed to activate the Winchester Ranch tank.	\$477,360
	15	C	253705	EASTERN MWD	3310009	18	Replace this 0.23 MG tank with a new 0.5 MG finished water tank.	\$250,000
	15	C	253705	EASTERN MWD	3310009	19	Replace existing 0.21 MG tank with a new 0.315 MG finished water tank in a new location. Replace the leaky distribution pipeline and build a new pump station.	\$1,155,000
	15	C	253705	EASTERN MWD	3310009	20	Install 2,675 feet of 30" diameter pipeline to connect the tanks to the distribution system. This also requires the installation of 6,400' of 18" diameter raw water pipeline.	\$1,069,500
	15	C	253705	EASTERN MWD	3310009	21	Install 3,500' of 30" pipeline to connect the Citrus tanks to the distribution system.	\$1,033,000
	15	C	253705	EASTERN MWD	3310009	36	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	253705	EASTERN MWD	3310009 41	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	\$500,000
	15	C	253705	EASTERN MWD	3310009 03	Construct four additional groundwater production wells. (2 per yr)	\$1,300,000
	15	C	253705	EASTERN MWD	3310009 37	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	\$250,000
	15	C	253705	EASTERN MWD	3310009 42	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	\$500,000
	15	C	253705	EASTERN MWD	3310009 46	Drill and develop three extraction wells along McLaughlin St. in south Perris to extract the contaminated groundwater for subsequent treatment at the proposed Sun City desalination plant.	\$2,501,000
	15	C	253705	EASTERN MWD	3310009 47	Construct approx. four miles of collection pipeline (exact size to be determined) from proposed extraction wells to the proposed Sun City desalination plant.	\$2,025,000
	15	C	253705	EASTERN MWD	3310009 38	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	\$250,000
	15	C	253705	EASTERN MWD	3310009 43	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	\$500,000
	15	C	253705	EASTERN MWD	3310009 39	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	\$250,000
	15	C	253705	EASTERN MWD	3310009 44	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	\$500,000
	15	C	253705	EASTERN MWD	3310009 40	Develop an annual program to evaluate the various pumping plants and equip them with back-up pumps and/or redundant power supply as needed.	\$250,000
	15	C	253705	EASTERN MWD	3310009 45	Schedule a program of annual corrosion repairs, and interior and exterior coatings for at least three tanks each year. In addition, where necessary, install cathodic protection, sampling ports, dual manway access, safety ladders and platforms.	\$500,000
	15	C	225000	Contra Costa Water District	0710003 04	Construct an additional sedimentation basin and replace flocculation turbines.	\$6,700,000
	15	C	225000	Contra Costa Water District	0710003 05	Remove and dispose of existing caulking from 10 treated water reservoirs and replace with new caulking.	\$2,050,000
	15	C	225000	Contra Costa Water District	0710003 09	Relocate the drainage discharge	\$3,500,000
	15	C	225000	Contra Costa Water District	0710003 10	Construct an in-line sedimentation basin near intake.	\$1,000,000
	15	C	225000	Contra Costa Water District	0710003 11	Construction of a parallel seismically sound pipeline and pump station/	\$12,100,000
	15	C	225000	Contra Costa Water District	0710003 12	Install culverts at two high potential slide locations and perform earthwork at one.	\$1,800,000
	15	C	225000	Contra Costa Water District	0710003 13	two pipelines will be retrofitted with new encased at the crossing locations.	\$3,200,000
	15	C	225000	Contra Costa Water District	0710003 14	Construct a new intake 7 miles south of the existing intake.	\$121,000,000
	15	C	192000	City of Huntington Beach	3010053 02	To provide cathodic protection of all applicable metallic pipelines in the City.	\$5,000,000
	15	C	184040	CALIFORNIA WATER SERVICE - BAKERSFI	1510003 01	Design and construct a Hydrogen Sulfide treatment facility on the new well scheduled to be constructed in this area. Other - Design/Construction	\$260,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	184040	CALIFORNIA WATER SERVICE - BAKERSFI	1510003 02	INSTALL GAC ADSORPTION VESSEL ON THIS WELL. OTHER - DESIGN AND CONSTRUCTION	\$400,000
	15	C	177961	Marin Municipal Water District	2110002 03	Install an air compressor at Alpine Lake to eliminate or control the problems.	\$250,000
	15	C	142000	Oceanside - City of	3710014 03	Design and construction of a new pressure regulator station serving the peacock Hills area.	\$495,000
	15	C	142000	Oceanside - City of	3710014 06	Mission/Foussat to El Camino Real water line design and construction to provide transport of groundwater to various distribution points.	\$1,000,000
	15	C	137738	SAN BERNARDINO CITY	3610039 01	Construct new well Cajon Canyon	\$400,000
	15	C	137738	SAN BERNARDINO CITY	3610039 03	Construct new Dally Sin Booster	\$85,000
	15	C	137738	SAN BERNARDINO CITY	3610039 09	Extend Lower Pressure zone transmission main in Medical Center Drive	\$1,000,000
	15	C	137738	SAN BERNARDINO CITY	3610039 11	Construct Cajon Blvd transmission line from Scott Labs reservoir to Ogden reservoir site	\$1,900,000
	15	C	137738	SAN BERNARDINO CITY	3610039 13	Construct new 7500 GPM Sycamore zone booster	\$150,000
	15	C	137738	SAN BERNARDINO CITY	3610039 14	Construct 36 inch 8500 ft Sycamore transmission main	\$1,750,000
	15	C	137738	SAN BERNARDINO CITY	3610039 15	Construct 7500 gpm Ogden Labs booster	\$150,000
	15	C	137738	SAN BERNARDINO CITY	3610039 16	Construct 36 inch 4133 ft Crosstown transmission line	\$867,000
	15	C	131723	POMONA- CITY, WATER DEPT.	1910126 01	REPLACE PRIORITY "1" AND "2" LINES AS IDENTIFIED FROM THE 1992 WATER MASTERPLAN	\$21,750,000
	15	C	131723	POMONA- CITY, WATER DEPT.	1910126 04	CONSTRUCT A 3.5 MG CIRCULAR CONCRETE RESERVOIR (RESERVOIR 9C)	\$1,980,000
	15	C	129700	THREE VALLEYS MWD	1910041 01	INSTALL A REGIONAL NITRATE REMOVAL PLANT.	\$5,000,000
	15	C	125000	City of Hayward	0110006 01	Replace existing 4" mains with 6" mains.	\$6,000,000
	15	C	125000	City of Hayward	0110006 02	Replace main.	\$753,000
	15	C	125000	City of Hayward	0110006 03	Loop dead end mains to improve circulation for anticipated chloramination.	\$190,000
	15	C	125000	City of Hayward	0110006 04	replace main	\$1,291,000
	15	C	125000	City of Hayward	0110006 05	Replace main	\$325,000
	15	C	125000	City of Hayward	0110006 06	Replace main	\$461,000
	15	C	125000	City of Hayward	0110006 11	Install emergency generators.	\$265,000
	15	C	125000	City of Hayward	0110006 12	Install well, rehab well and construction of pump stations for both.	\$1,263,000
	15	C	125000	City of Hayward	0110006 13	Install emergency well.	\$1,305,000
	15	C	125000	City of Hayward	0110006 14	Procure intertie pumps to use jn the event of an emergency.	\$275,000
	15	C	125000	City of Hayward	0110006 15	Install emergency well.	\$1,293
	15	C	125000	City of Hayward	0110006 16	Modify existing water mains and install two 100 HP turbine pumps.	\$410,000
	15	C	125000	City of Hayward	0110006 17	Construct new pressure reducing valve station to better dist. Flow within district system.	\$16,000
	15	C	125000	City of Hayward	0110006 18	Construct permanent chlorine recirculation system for reservoir,	\$292,000
	15	C	125000	City of Hayward	0110006 19	Connect emergency well system to 42' aquaduct.	\$50,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	125000	City of Hayward	0110006 20	Improve connection to the SFWD aquaduct.	\$100,000
	15	C	125000	City of Hayward	0110006 21	Refurbish and upgrade Decoto booster pump station.	\$990,000
	15	C	125000	City of Hayward	0110006 22	construct new 18' water main between reservoirs.	\$529,000
	15	C	125000	City of Hayward	0110006 07	Refurbish tanks and equipment.	\$550,000
	15	C	125000	City of Hayward	0110006 08	Replace water existing 4" mains with 6" mains.	\$155,000
	15	C	125000	City of Hayward	0110006 09	Replace 6" cast iron pipe.	\$145,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 02	Expand existing plant from 4 MGD to 8 MGD and drill/install new well.	\$4,000,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 03	Drill new well in Mound Basin and treat at Bailey Plant.	\$1,400,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 04	Build new 2.1 MG reservoir in 260 Zone	\$4,800,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 05	Construct two 2 MG reservoirs and new pipeline.	\$6,500,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 06	Design and build 1.0 MG reservoir	\$2,000,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 07	Build 1600 LF of 14 inch pipeline and a 0.90 MG reservoir.	\$1,600,000
	15	C	105000	VENTURA WATER DEPARTMENT	5610017 08	Construct transmission main from 210 zone to 430 zone.	\$3,200,000
	15	C	104517	Stockton, City of	3910012 02	PIPE SURFACE WATER INTO SOUTH AREA.	\$5,360,000
	15	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 03	Construct 10 MGD SWTP to increase reliability (Phase I)	\$10,000,000
	15	C	104059	SAN GABRIEL VALLEY WC - FONTANA	3610041 04	Construct 10 MGD SWTP to increase reliability (Phase II)	\$10,000,000
	15	C	104000	Corona - City of	3310037 01	Desalination	\$30,000,000
	15	C	100000	AZUSA LIGHT AND WATER	1910008 05	Recondition motor and pump brush casing perforations and new column pipe. Well #10 rotate discharge head and install new pump control valve, new meter, check valve and new pump house.	\$175,000
	15	C	100000	AZUSA LIGHT AND WATER	1910008 06	Evaluate integrity of walls of both reservoirs and make necessary repairs and improvements. Project involves: Study to determine cause of problem and Design to solve problem.	\$250,000
	15	C	100000	DOMINGUEZ WATER CORP	1910033 02	Additional chlorine generating facilities installed to prechlorinate for bleaching and post chloraminated for disinfection. Project involves: Refinance, Design, and Construction.	\$250,000
	15	C	100000	SOUTH SAN JOAQUIN IRRIGATION DISTRI	5010040 01	NEW SURFACE WATER TREATMENT PLANT WOULD PROVIDE BACK-UP WATER SUPPLY. OTHER = DESIGN AND CONSTRUCTION.	\$75,000,000
	15	C	97000	Mesa Consolidated WD	3010004 03	Installation of a permanent pipeline.	\$1,000,000
	15	C	97000	Mesa Consolidated WD	3010004 25	Replacement of existing polybutelene pipes with copper service lines.	\$8,400,000
	15	C	97000	Mesa Consolidated WD	3010004 31	Replace 190 fire hydrants	\$206,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	97000	Mesa Consolidated WD	3010004	32	Switch to sodium hypochlorite	\$86,000
	15	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070	01	CONSTRUCT 11,100 LINEAR FEET OF 24" WATER MAIN	\$1,660,000
	15	C	96073	LOS ANGELES CO WW DIST 4 & 34-LANCA	1910070	02	CONSTRUCT 10,600 LINEAR FEET OF 24" WATER MAIN	\$1,586,000
	15	C	90000	KERN COUNTY WATER AGENCY	1510040	01	INCREASE CAPACITY OF EXISTING PIPELINE BY REDUCING PUMPING HEAD.	\$750,000
	15	C	89486	ALHAMBRA-CITY, WATER DEPT.	1910001	01	Design and construct a VOC treatment plant. Conduct study to determine the cause of the water quality problems.	\$400,000
	15	C	89486	ALHAMBRA-CITY, WATER DEPT.	1910001	02	Complete a study to determine the best suited location, in the well field, where a nitrate (ion-exchange) treatment plant could be constructed. Project involves: Study, Design, and Construction.	\$900,000
	15	C	89486	ALHAMBRA-CITY, WATER DEPT.	1910001	03	Engineering study to determine which of the existing wells could be rehabilitated.	\$300,000
	15	C	87137	ANTELOPE VALLEY-EAST KERN WATER AGE	1910045	03	PROVIDE CHLORINE SCRUBBERS TO 3 LOCATIONS.	\$300,000
	15	C	85000	PALMDALE WATER DIST.	1910102	05	Construct carbon hopper and loading facility. Project involves: Design to solve problem, and Construction	\$350,000
	15	C	85000	PALMDALE WATER DIST.	1910102	08	Construct new 6.0 MG clearwell. Project involves: Design to solve problem, and Construction	\$1,800,000
	15	C	85000	PALMDALE WATER DIST.	1910102	09	Construct booster station at clearwell site to move water into 2800' and 2950' water systems. Project involves: Design to solve problem, and Construction	\$1,500,000
	15	C	85000	PALMDALE WATER DIST.	1910102	10	Construct piping and valving necessary to tie area into 3000' water system. Project involves: Design to solve problem and Construction	\$100,000
	15	C	85000	PALMDALE WATER DIST.	1910102	02	Line 400,000 sq. ft. of unlined portions of Palmdale Ditch. Project involves: Design to solve problem, and Construction	\$2,800,000
	15	C	84290	VISALIA - CALIFORNIA WATER SERVICE	5410016	01	INSTALL GAC TREATMENT. OTHER - DESIGN AND CONSTRUCTION	\$200,000
	15	C	84290	VISALIA - CALIFORNIA WATER SERVICE	5410016	02	DESIGN AND CONSTRUCT GAC TREATMENT VESSEL AND UPGRADE PUMP AND MOTOR. OTHER - DESIGN AND CONSTRUCTION	\$225,000
	15	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146	04	Conduct detailed inspection, design rehabilitation project and contruction of reservoir improvements.	\$6,600,000
	15	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146	03	Install baffling system, recirculation pump, new valves and upgrade reservoir facility.	\$671,000
	15	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146	02	Design/construct new pumping facility.	\$627,000
	15	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146	05	Upgrade pumping facilities	\$220,000
	15	C	80000	SANTA MONICA-CITY, WATER DIVISION	1910146	06	Aquire land and design/construct new 5 MG reservoir.	\$4,300,000
	15	C	78120	City of Westminster	3010064	05	Replace old electrical panels.	\$88,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	78120	City of Westminster	3010064 08	Replace aging water meters with "Touch Read" technology meters to improve accuracy and efficiency.	\$2,368,814
	15	C	78120	City of Westminster	3010064 12	Purchase 730 fire hydrants over a five year period to replace inoperable fire hydrants in the water system.	\$511,000
	15	C	75000	Padre Dam MWD	3710037 01	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$7,896,800
	15	C	75000	Padre Dam MWD	3710037 06	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$14,337,940
	15	C	75000	Padre Dam MWD	3710037 02	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$12,241,500
	15	C	75000	City of Antioch	0710001 01	Replace deteriorated mains with new and larger mains.	\$250,000
	15	C	75000	Padre Dam MWD	3710037 03	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$21,777,700
	15	C	75000	Padre Dam MWD	3710037 04	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$14,932,700
	15	C	75000	Padre Dam MWD	3710037 05	Miscellaneous projects to remedy deficiencies as listed on the attached CIP plan.	\$15,971,700
	15	C	74000	GOLETA WATER DISRICT	4210004 06	Construct a new reservoir in 230 Zone	\$5,000,000
	15	C	74000	GOLETA WATER DISRICT	4210004 08	Design and construct an alternative treatment method.	\$150,000
	15	C	74000	GOLETA WATER DISRICT	4210004 09	Repair damaged line and construct rip rap protection near creeks.	\$150,000
	15	C	74000	GOLETA WATER DISRICT	4210004 10	Recoat steel reservoir and reseal joints of concrete reservoirs.	\$200,000
	15	C	72987	City of Mountain View	4310007 04	Demolition and removal of pump station and reservoir.	\$60,000
	15	C	72987	City of Mountain View	4310007 09	Design and construct a replacement telemetry system.	\$1,200,000
	15	C	72987	City of Mountain View	4310007 10	Replace these smaller water system components and make minor unscheduled improvements.	\$458,000
	15	C	72987	City of Mountain View	4310007 12	Update urban water plan.	\$45,070
	15	C	72987	City of Mountain View	4310007 16	Design and construct upgraded system controls at three turnouts.	\$130,000
	15	C	72987	City of Mountain View	4310007 05	Removal of Bryant tank with system modifications.	\$150,000
	15	C	72400	Northridge Water District	3410024 01	Construct large diameter transmission pipeline from Folsom Lake.	\$22,333,064
	15	C	72400	Northridge Water District	3410024 02	Construct a 5mg storage tank with a large pumping station.	\$5,000,000
	15	C	72400	Northridge Water District	3410024 03	Obtain lower financing.	\$36,380,000
	15	C	72400	Northridge Water District	3410024 04	Construct a main extension from the north boundary of system to the south boundary.	\$1,164,000
	15	C	72400	Northridge Water District	3410024 05	Obtain funding.	\$1,000,000
	15	C	72400	Northridge Water District	3410024 06	Funding to replace services.	\$700,000
	15	C	72400	Northridge Water District	3410024 07	Provide new water source into McCAFB from NWD's existing system through the extension of the District's proposed transmission pipeline, including base system improvements to both the distribution and storage facilities.	\$8,200,000
	15	C	70700	Arcade WD - Town & Country	3410001 02	Replace with larger diameter water mains. Involves design and construction.	\$30,900,000
	15	C	70500	Napa, City of	2810003 01	Rehabilitate or replace intake tower.	\$700,000
	15	C	69455	CLOVIS, CITY OF	1010003 02	CONSTRUCTION OF A SURFACE WATER TREATMENT PLAN TO REDUCE RELIANCE OF GROUNDWATER PUMPING.	\$9,400,000
	15	C	69455	CLOVIS, CITY OF	1010003 03	CONSTRUCT A 2 MG RESERVOIR WITH BOOSTER PUMPS.	\$2,405,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	69455	CLOVIS, CITY OF	1010003 01	EXPANSION OF THE CITY'S GROUNDWATER RECHARGE FACILITY.	\$2,400,000
	15	C	66000	CALIFORNIA WATER SERVICE - BEAR GUL	4110006 01	treatment plant upgrades-Particle Counter SCADA system connection, and Precursor removal for Total Trihalomethane (THM) control.	\$120,000
	15	C	58000	City of Pleasanton	0110008 02	Creat a looped water main system between turnout 5 and the City's existing 16" water main .	\$700,000
	15	C	58000	City of Pleasanton	0110008 03	Evaluate design and construct well head water softening facilities.	\$15,000,000
	15	C	58000	City of Pleasanton	0110008 04	Drill new well and construct all ancillary facilities to replace lost production.	\$1,200,000
	15	C	58000	City of Pleasanton	0110008 05	Replace polybutylene water services with polybutylene service pipe.	\$24,000,000
	15	C	58000	City of Pleasanton	0110008 06	Construct various system interties and install valves to improve distribution.	\$2,100,000
	15	C	57000	ROWLAND WATER DISTRICT	1910194 01	Install Chloramine injection facilities and revamp common inlet-outlet reservoir piping. Project involves: Design to solve problem, and Construction	\$3,250,000
	15	C	55000	North Marin Water District	2110003 03	Design and construction of two (2) tanks for Zone 1.	\$1,590,000
	15	C	55000	North Marin Water District	2110003 04	Study and implement appropriate strategies.	\$10,000
	15	C	55000	North Marin Water District	2110003 05	Recoating of storage tanks.	\$1,065,000
	15	C	55000	North Marin Water District	2110003 06	Install control system improvements to provide early warning of power problems: Upper Wild Horse, Old Ranch Road, Eagle Drive, Bahia, and Garner.	\$50,000
	15	C	55000	North Marin Water District	2110003 07	Study leak/capacity, (98/99), construct new IMG storage tank and new pump station.	\$7,275,000
	15	C	55000	North Marin Water District	2110003 08	Eliminate reducing station and install individual PRVs.	\$90,000
	15	C	55000	North Marin Water District	2110003 09	Upgrade or replace rank screens.	\$25,000
	15	C	55000	North Marin Water District	2110003 10	Anodes, insulators, system modifications. Aqueduct, Atherton to Bahia, Bel Marin Keys.	\$70,000
	15	C	55000	North Marin Water District	2110003 16	CALLE DE LA MESA PRESSURE RELIEF AND SUNSET REGULATOR UPGRADES.	\$22,000
	15	C	55000	North Marin Water District	2110003 17	Modify pump stations per OSHA requirements.	\$30,000
	15	C	55000	North Marin Water District	2110003 12	Install blowoffs at all zone valves to facilitate flushing.	\$120,000
	15	C	55000	North Marin Water District	2110003 13	UPGRADE TO DOUBLE CHECKS AS APPROPRIATE.	\$100,000
	15	C	55000	North Marin Water District	2110003 14	INSTALL ON LINE MONITORS FOR TURBIDITY, CHLORINE AND PH.	\$25,000
	15	C	55000	North Marin Water District	2110003 18	Isolate Cherry Hill from plant water.	\$50,000
	15	C	55000	North Marin Water District	2110003 11	Chlorine booster stations. Stafford TP rehabilitation may impact need.	\$35,000
	15	C	55000	North Marin Water District	2110003 19	Construct a communication link between District offices and Novato emergency operations center.	\$20,000
	15	C	55000	VALLEY COUNTY WATER DIST.	1910009 05	Design and construct new system interconnections to combine the two water systems as well as at least one new groundwater well.	\$800,000
	15	C	50820	El Toro Water District	3010079 01	Re-coating of reservoirs	\$1,000,000
	15	C	50820	El Toro Water District	3010079 03	Pipeline replacement	\$203,000
	15	C	50820	El Toro Water District	3010079 02	Re-coating of reservoir	\$400,000
	15	C	49000	CITY OF CHINO HILLS	3610036 02	Extend reclaimed line to mitigate demand for potable water	\$500,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	49000	CITY OF CHINO HILLS	3610036 04	Extend reclaimed line to mitigate demand for potable water	\$850,000
	15	C	49000	CITY OF CHINO HILLS	3610036 07	Construct reclaimed water reservoir R24	\$1,125,000
	15	C	48250	Davis, City of	5710001 01	Construct second water storage tank. Involves design and construction.	\$2,500,000
	15	C	45000	San Juan Suburban Water District	3410021 01	Improve suction sides and replace pumps.	\$2,800,000
	15	C	45000	San Juan Suburban Water District	3410021 05	Reconstruction to replace or renovate the pipeline.	\$940,000
	15	C	45000	San Juan Suburban Water District	3410021 06	Determine improvements/replacements to existing SCADA system and implement.	\$900,000
	15	C	45000	MONTE VISTA CWD	3610029 06	Construct pump to waste lines to divert flow to perc basin	\$150,000
	15	C	45000	MONTE VISTA CWD	3610029 12	Construct new booster at Plant 16	\$60,000
	15	C	45000	West Sacramento, City of	5710003 02	Add a 3mg storage tank pumping system.	\$700,000
	15	C	45000	West Sacramento, City of	5710003 03	Design a filter to waste system and increase water treatment capacity.	\$1,000,000
	15	C	45000	West Sacramento, City of	5710003 04	Extend the Harbor Boulevard water line under Bus 80 down Industrial Boulevard to the Southport area.	\$3,800,000
	15	C	45000	MONTE VISTA CWD	3610029 13	Construct new reservoir	\$4,000,000
	15	C	44725	PORTERVILLE, CITY OF	5410010 01	DESIGN AND INSTALL FIVE LARGE, DEEP WELLS AND PUMPING SYSTEMS TO REPLACE LOST PRODUCTION.	\$2,000,000
	15	C	43000	CITY OF COLTON	3610014 01	Recoat reservoir	\$800,000
	15	C	43000	CITY OF COLTON	3610014 02	Drill new well and construct new transmission lines	\$3,525,000
	15	C	43000	CITY OF COLTON	3610014 03	Drill new well and replace transmission lines	\$3,525,000
	15	C	43000	CITY OF COLTON	3610014 04	Rehabilitate wells	\$200,000
	15	C	43000	CITY OF COLTON	3610014 05	Install approved coating	\$350,000
	15	C	43000	CITY OF COLTON	3610014 06	Recoat reservoir	\$350,000
	15	C	43000	CITY OF COLTON	3610014 07	Recoat reservoir	\$350,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 02	Connect to Daly Ave main. Involves design and construction.	\$160,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 03	Treelark wellhead treatment. Involves design and construction.	\$450,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 04	Sandlewood wellhead treatment. Involves design and construction.	\$450,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 05	Glass Slipper wellhead treatment. Involves design and construction.	\$450,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 06	Villaview wellhead treatment. Involves design and construction.	\$450,000
	15	C	42000	CUCC - Lincoln Oaks	3410013 07	Lincoln Oaks tank and booster station. Involves design and construction.	\$1,800,000
	15	C	41840	Southern CA Water Co - Cordova Water	3410015 02	Install a complete self-cleaning debris rack on the intake.	\$15,000
	15	C	41840	Southern CA Water Co - Cordova Water	3410015 03	Install industry approved water sampling stations in the system.	\$45,000
	15	C	40500	THOUSAND OAKS WATER DEPT	5610020 01	Construct a new larger reservoir to meet the current seismic codes and the standard for fire flow storage.	\$1,000,000
	15	C	40000	HANFORD, CITY OF	1610003 01	CONSTRUCT FILTER SYSTEM AT WELL HEAD	\$350,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	40000	Soquel Creek Water District	4410017 02	Install treatment and water softening equipment.	\$1,100,000
	15	C	40000	Soquel Creek Water District	4410017 03	Upgrades to treatment plant--granular activated carbon filters, and water softening equipment.	\$500,000
	15	C	40000	Soquel Creek Water District	4410017 04	System needs a computer groundwater model to simulate groundwater basin yield.	\$300,000
	15	C	40000	Soquel Creek Water District	4410017 09	Construct new production well at Top Sail Court.	\$1,900,000
	15	C	40000	Soquel Creek Water District	4410017 06	Install a multiple shallow well system to reduce localized groundwater demand and avoid using deeper waters.	\$3,000,000
	15	C	40000	Soquel Creek Water District	4410017 08	Install La Selva Beach production well will provide additional water in sub-area IV.	\$758,900
	15	C	40000	Soquel Creek Water District	4410017 05	Purchase 40 acres and build a surface water treatment plant, reservoir, pipeline, and surface water intake/pump station off Soquel Creek.	\$40,000,000
	15	C	40000	Soquel Creek Water District	4410017 07	Installation of a production well in sub-area III.	\$1,000,000
	15	C	39000	City of San Bruno	4110023 01	Supply and installation of water meters and electronic "touch read" devices.	\$830,300
	15	C	39000	City of San Bruno	4110023 05	Detailed field inspection/survey to determine the magnitude of the problem. Sand blasting and recoating of the interior.	\$120,000
	15	C	39000	City of San Bruno	4110023 08	Construct storage facilities to expand storage capacity.	\$10,200,000
	15	C	39000	City of Yuba City	5110002 01	Construct two new dual media filters.	\$2,250,000
	15	C	39000	City of Yuba City	5110002 03	Construction of Ranney Collection system for raw water intake.	\$11,250,000
	15	C	39000	City of Yuba City	5110002 04	Construction of liquid chlorination system.	\$255,000
	15	C	39000	City of Yuba City	5110002 05	Rehabilitate storage tanks with baffles and reroute piping around treatment plant.	\$1,126,000
	15	C	39000	City of Yuba City	5110002 06	Replace existing main breaker, plant feeder conduits and conductors, and install a 400 kW generator.	\$1,500,000
	15	C	39000	City of Yuba City	5110002 08	Construct new backwash sump and pump station.	\$525,000
	15	C	39000	City of Yuba City	5110002 10	Install new pipelines to increase water flows to low pressure areas.	\$1,900,000
	15	C	39000	City of Yuba City	5110002 11	Drill a new well.	\$665,000
	15	C	39000	City of Yuba City	5110002 02	Rehabilitate existing filters.	\$1,000,000
	15	C	39000	City of Yuba City	5110002 07	Rehabilitate sedimentation basins.	\$1,000,000
	15	C	39000	City of Yuba City	5110002 09	Construct a 3.0 MG storage tank, pump station and appurtenances.	\$3,360,000
	15	C	38754	CAMARILLO WATER DEPT	5610019 01	Construct additional wells to provide provide redundancy and insuring system reliability.	\$740,000
	15	C	38700	Carmichael Water District	3410004 03	Abandonment of wells.	\$150,000
	15	C	38580	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 01	Drill and equip a well at the Rebecca Plant to provide for future emergency and laternative water supply.	\$450,000
	15	C	38580	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 02	Provide an additional 2 MG of storage steel tank for emergency and peak supply.	\$1,000,000
	15	C	38580	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 03	Acquisition of property for the drilling of a well near Fitzgerald interconnection with Callegaus MWD will provide for the additioon of future emergency and alternative water supply to the system. Overall water qualityimprovement by blending.	\$150,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	38580	SOUTHERN CALIFORNIA WATER CO - SIMI	5610059 04	Study groundwater quality and quantity available in the area of the highest elevation. Results will be used to select a well site to provide emergency and alternative water supply of good water quality to this area.	\$30,000
	15	C	37670	North Coast County Water Dist	4110025 06	Phase 1 system modifications will allow leaking main to be taken out of service	\$75,000
	15	C	37670	North Coast County Water Dist	4110025 07	Phase 2 of project will place a liner inside main after phase 1 work is completed.	\$350,000
	15	C	35154	San Dieguito WD	3710021 01	Back wash water secondary treatment (reclamation) and removal of accumulated solids in lake for taste and odor improvements.	\$5,900,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 03	Implement a groundwater management plan.	\$5,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 04	Automate the system with auto dailer.	\$50,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 05	Automate the Foxenwood zone system.	\$30,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 07	Install two industrial approved sample stations for TCR sampling.	\$5,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 08	Install cathodic protection at two reservoirs, Orcutt Hill and Orcutt plant Reservoir	\$25,000
	15	C	33765	CAL. CITIES - ORCUTT	4210016 09	Automate the Evergreen Zone.	\$30,000
	15	C	32000	CRESCENTA VALLEY CWD	1910028 03	Funding requested for a water distribution system pipeline replacement program that has been in place since 1994/95 for a portion from 1997/98 beyond. Project involves: Design, and Construction	\$8,173,060
	15	C	31000	CUCC - Parkway	3410017 01	Parksite backwash tank. Involves design and construction.	\$200,000
	15	C	31000	CUCC - Parkway	3410017 04	Sky Parkway backbone main. Involves design and construction.	\$550,000
	15	C	31000	CUCC - Parkway	3410017 06	Center Parkway Main replacement. Involves design and construction.	\$270,000
	15	C	31000	CUCC - Parkway	3410017 10	A/E Parkway main replacement. Involves design and construction.	\$680,000
	15	C	30500	Placer CWA - Foothill	3110025 05	Design and construct pipeline from Auburn Tunnel pump station to Foothill Water Treatment Plant.	\$11,000,000
	15	C	30500	Placer CWA - Foothill	3110025 06	Construct 20 million gallons of storage. Involves design and construction.	\$22,000,000
	15	C	30310	APPLE VALLEY RANCHOS WC	3610003 07	Construct reservoir and booster system adjacent to well	\$300,000
	15	C	30310	APPLE VALLEY RANCHOS WC	3610003 09	Replace hypo units with chlorine generators	\$200,000
	15	C	30310	APPLE VALLEY RANCHOS WC	3610003 10	Replace hypo units with chlorine generators	\$200,000
	15	C	30310	APPLE VALLEY RANCHOS WC	3610003 11	Replace hypo units with chlorine generators	\$200,000
	15	C	30310	APPLE VALLEY RANCHOS WC	3610003 12	Replace hypo units with chlorine generators	\$200,000
	15	C	29700	INDIAN WELLS VALLEY W.D.	1510017 01	SPREAD WELLFIELD OUT. OTHER - DESIGN AND CONSTRUCTION	\$3,925,000
	15	C	28900	Southern Calif WC - Placentia	3010035 01	Study the need to install chloramination facilities.	\$65,000
	15	C	28310	City of Santa Paula	5610011 09	Design, construct and inspect construction of new roof.	\$500,000
	15	C	28000	HI DESERT WD	3610073 01	Accelerate 12 year replacement plan to 2 years	\$10,000,000
	15	C	26800	City of Benicia	4810001 16	Perform a feasibility study to determine feasibility of project.	\$150,000
	15	C	26800	City of Benicia	4810001 18	Miscellaneous projects to address the concerns listed in Attachment 1.	\$59,000
	15	C	26800	City of Benicia	4810001 13	Design and construction of 800 feet of 24 inch pipeline to replace the existing 14 inch pipeline.	\$204,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	26800	City of Benicia	4810001	14	Design and install a second pipeline to connect the WTP to the Lake Herman inlet pipeline, which allow operators to waste recycled plant flow to lake Herman while in use.	\$1,310,000
	15	C	26643	ATASCADERO MUTUAL WATER CO	4010002	02	Develop additional wells for new and replacement water supply.	\$1,500,000
	15	C	26643	ATASCADERO MUTUAL WATER CO	4010002	03	Water well recovery system, distribution, and blending facility.	\$775,000
	15	C	26075	CUCC - Suburban	3410010	02	US 50 overcrossing. Involves design and construction.	\$250,000
	15	C	26075	CUCC - Suburban	3410010	03	Booster station, tank and connecting mains. Involves design and construction.	\$2,500,000
	15	C	26075	CUCC - Suburban	3410010	04	Drill and equip well. Involves design and construction.	\$530,000
	15	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204	09	REPLACEMENT OF WATER MAIN AND CONSTRUCTION OF A BOOSTER PUMP STATION TO REDUCE MAINTENANCE.	\$1,250,000
	15	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204	12	INSTALL WATER MAINS TO IMPROVE FIRE PROTECTION AND IMPROVE OUR ABILITY TO FILL THE EXISTING WATER TANK.	\$350,000
	15	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204	06	UPGRADE EXISTING BOOSTER STATION TO ELIMINATE FREQUENT MAINTENANCE.	\$200,000
	15	C	25427	LOS ANGELES CO WW DISTRICT 29 & 80-	1910204	19	CONSTRUCT A 1.6 MG RESERVOIR AT THE EXISTING SUNSET MESA TANK FARM SITE	\$1,680,000
	15	C	25000	Alco Water Service	2710001	01	Install disinfection facilities & equipment at six well sites.	\$30,000
	15	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	04	Install chlorination equipment, safety systems and chlorination buildings at Grand Reservoir. Project involves: Design, and Construction	\$500,000
	15	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	01	Replace reservoir roof. Project involves: Design to solve problem, and Construction	\$450,000
	15	C	24000	SOUTH PASADENA-CITY, WATER DEPT.	1910154	03	Install denitrification system. Project involves: Design to solve problem, and Construction	\$1,800,000
	15	C	23888	SAN FERNANDO-CITY, WATER DEPT.	1910143	05	Recondition well column and casing. Clean well screens and replace pump/motor. Project involves: Design to solve problem and Construction	\$85,000
	15	C	23757	Mission Springs WD	3310008	04	Design and construction of 875+ new copper water service laterals to meet the WWS.	\$590,000
	15	C	23410	CALIFORNIA WATER SERVICE CO - WESTL	5610016	01	Design and construct a booster station on the outlet of this reservoir	\$235,000
	15	C	23247	Arcade WD - North Highlands	3410025	02	Replace with larger diameter water mains. Involves design and construction.	\$7,700,000
	15	C	23150	Suisun Solano Water Authority	4810005	01	Modify distribution system.	\$214,000
	15	C	22000	PORT HUENEME WATER DEPT	5610009	02	Remove the elevated water storage tank and replace the operational controls for the wells with programmable logic controllers and one variable speed drive. The water distribution system capacity and reliability will be improved during a water outage	\$80,000
	15	C	21450	PASO ROBLES WATER DEPARTMENT	4010007	01	Propose building a 4 million gallon storage tank on the east side of town	\$3,500,000
	15	C	20259	SCWMD Laguna/Vineyard	3410029	02	Design and construct 72-inch, 140 million gallon pipeline and 100 mgd surface water treatment plant expansion.	\$1,800,000
	15	C	20259	SCWMD Laguna/Vineyard	3410029	01	Construct 72-inch, 140 million gallon pipeline and surface water treatment plant expansion.	\$46,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	20000	Valley of the Moon Water District	4910013 01	Construct additional wells.	\$350,000
	15	C	19734	Valley Center MWD	3710026 02	Construct pressure filtration plant.	\$6,000,000
	15	C	18232	CUCC - Rosemont	3410034 01	Keifer Blvd/City of Sacramento interconnection. Involves design and construction.	\$1,050,000
	15	C	18232	CUCC - Rosemont	3410034 03	Replace Montezuma well. Involves design and construction.	\$600,000
	15	C	18000	LOMITA-CITY, WATER DEPT.	1910073 01	A water treatment plant to enable the city to use the well water is needed. (additional supporting detail will follow) Project involves: Design, and Construction	\$1,000,000
	15	C	17500	MAYWOOD MUTUAL WATER CO. #3	1910086 01	Design and construct a replacement well	\$350,000
	15	C	16000	Riverview WD	3710030 01	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$50,000
	15	C	16000	Riverview WD	3710030 02	Studies are required to completely define the problem.	\$100,000
	15	C	16000	Riverview WD	3710030 04	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$175,000
	15	C	16000	Riverview WD	3710030 05	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$25,000
	15	C	16000	Riverview WD	3710030 06	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$25,000
	15	C	16000	Riverview WD	3710030 07	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$750,000
	15	C	16000	Riverview WD	3710030 08	Planning studies are required to completely define the problem. The purpose of this pre application is to establish priorities.	\$100,000
	15	C	15495	ARROYO GRANDE, WATER DEPARTMENT	4010001 01	Analysis, design and construction of a new water storage reservoir no.1	\$2,095,300
	15	C	15154	CORCORAN, CITY OF	1610004 01	IDENTIFY NEW WELL FIELD, PURCHASE LAND AND WATER RIGHTS.	\$250,000
	15	C	15154	CORCORAN, CITY OF	1610004 03	INSTALL A 2 MG RESERVOIR AT BOOSTER STATION 3. OTHER - DESIGN AND CONSTRUCTION	\$960,000
	15	C	15154	CORCORAN, CITY OF	1610004 04	NEW WATER SYSTEM MASTER PLAN	\$100,000
	15	C	15154	CORCORAN, CITY OF	1610004 06	INSTALL METER SYSTEM WIDE. OTHER - DESIGN AND CONSTRUCTION	\$1,800,000
	15	C	15154	CORCORAN, CITY OF	1610004 07	INSTALL WATER STORAGE AND BOOSTER SYSTEMS, INCLUDING 1 MG RESERVOIR. OTHER - DESIGN AND CONSTRUCTION	\$1,200,000
	15	C	14750	Rio Linda Water District	3410018 03	Refinance.	\$8,000,000
	15	C	14500	City of Livermore	0110011 01	Add two elevated storage reservoirs, associated piping and pump station to system.	\$10,000
	15	C	14000	Bay Point-Southern California Water	0710002 01	Replace all control valves and meters on the pressure filters at the Hill Street Treatment Plant.	\$25,000
	15	C	14000	Bay Point-Southern California Water	0710002 03	Repair of Aluminum and Caustic Soda chemical containment enclosures at the Hill Street Treatment Plant.	\$75,000
	15	C	14000	Bay Point-Southern California Water	0710002 05	Drill new well.	\$75,000
	15	C	14000	OAK PARK WATER SERVICE	5610043 01	Seismic upgrades for tanks and aquifer storage approx. 1,000 acre feet where no wells currently exists.	\$2,000,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	13360	Riverbank, City of	5010018 01	DRILL NEW WELL(S) ON REMOTE SITE AND CONSTRUCT STORAGE TANK(S).	\$1,500,000
	15	C	13000	City of Hollister	3510001 01	Construct a surface water treatment plant and delivery system to utilize the Central Valley Project Waer that is locally available.	\$10,800,000
	15	C	13000	City of Red Bluff	5210004 01	Hire a computer water system consultant to improve existing model.	\$20,000
	15	C	13000	City of Red Bluff	5210004 07	Drill and construct a new well near the 3MG reservoir.	\$200,000
	15	C	13000	City of Red Bluff	5210004 10	Install a new well to supplement existing system.	\$200,000
	15	C	13000	City of Red Bluff	5210004 12	Replace 6" waterline.	\$30,000
	15	C	13000	City of Red Bluff	5210004 13	Replace 6" waterline.	\$20,000
	15	C	13000	City of Red Bluff	5210004 14	Replace 6" waterline.	\$30,000
	15	C	13000	City of Red Bluff	5210004 15	Replace 6" waterline.	\$20,000
	15	C	13000	City of Red Bluff	5210004 02	Complete redesign and installation of SCADA system.	\$252,400
	15	C	12900	JOSHUA BASIN CWD	3610025 01	Construct Surface Water Treatment Plant to minimize overdraft of groundwater basin	\$2,200,000
	15	C	12900	JOSHUA BASIN CWD	3610025 03	Construct 0.3 MG reservoir	\$300,000
	15	C	12900	JOSHUA BASIN CWD	3610025 02	Construct 0.5 MG reservoir	\$450,000
	15	C	12576	BALDY MESA CWD	3610010 01	Construct 10 MGD surface water treatment plant	\$43,884,600
	15	C	12440	GROVER BEACH WATER DEPARTMENT	4010004 01	Repair and replace corroded members including floor, sandblast and recoat, new cathodic protection	\$350,000
	15	C	12100	Santa Ynez River Water Cons. Distri	4210020 01	Replace liner and upgrade piping and inlet/outlet.	\$1,500,000
	15	C	12100	Santa Ynez River Water Cons. Distri	4210020 04	Implement slope stabilization measures necessary to control embankment creep below the reservoir and reservoir reconditioning.	\$2,500,000
	15	C	12000	ROSAMOND CSD	1510018 03	DRILL WELL, INSTALL MOTOR, AND CONNECTING LINES TO EXISTING SYSTEMS	\$200,000
	15	C	12000	Coastside County Water Dist	4110011 01	This project will replace 3,300 lineal feet of 12" transmission pipeline with 24" ductile iron pipeline.	\$800,000
	15	C	12000	Coastside County Water Dist	4110011 02	Replace 2,300 lineal feet of existing 12" welded steek transmission pipeline with 12" ductile iron pipeline.	\$500,000
	15	C	12000	Coastside County Water Dist	4110011 03	Replace existing 10 inch diameter pipeline with a 16 inch pipeline.	\$2,500,000
	15	C	11563	ANTELOPE VALLEY E KERN WTR AGY	1510053 02	PROVIDE TWO CHLORINE SCRUBBERS	\$200,000
	15	C	11563	ANTELOPE VALLEY E KERN WTR AGY	1510053 01	EXPAND EXISTING PLANT OR INTERCONNECT WITH EXISTING NEARBY PLANT FOR INCREASED CAPACITY AND RELIABILITY. OTHER - DESIGN AND CONSTRUCTION	\$7,300,000
	15	C	11213	SBDNO COUNTY SERVICE AREA 70L	3610120 01	Construct 6 new reservoirs and 4 new wells	\$4,400,000
	15	C	11100	MONTECITO WATER DIST	4210007 01	Replace pipelines and install pump station.	\$5,100,000
	15	C	11100	MONTECITO WATER DIST	4210007 03	Construct pump station and additional piping.	\$770,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	11100	MONTECITO WATER DIST	4210007	05	Rehab tunnel.	\$725,000
	15	C	11000	SHAFTER, CITY OF	1510019	02	CONSTRUCT NEW WELL TO REPLACE WELL #10. OTHER - DESIGN AND CONSTRUCTION	\$250,000
	15	C	11000	TUD - SONORA/JAMESTOWN WATER SYSTEM	5510001	05	INSTALL PARTICLE COUNTERS.	\$18,000
	15	C	10740	El Dorado ID - Main	0910001	19	Remove and replace old media with new mixed media filter material.	\$300,000
	15	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046	01	SANDBLAST AND RECOAT INTERIOR AND EXTERIOR OF THE RESERVOIRS.	\$1,244,000
	15	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046	02	INSTALL PIPING TO CONNECT THE 2 RESERVOIRS	\$296,250
	15	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046	03	INSTALL NEW VALVES AND WATER METERS	\$52,430
	15	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046	05	SUPPLY CATHODIC PROCTECTIONS FOR WELLS	\$43,525
	15	C	10000	PETER PITCHESS HONOR RANCHO. LA CO.	1900046	06	REPAIR AND REPLACE EXISTING VALVES	\$44,500
	15	C	9920	Nevada ID - Loma Rica	2910006	02	Replace existing equipment with new dual-feed lime silo and spill contaminant wall. Involves design and construction.	\$190,000
	15	C	9920	Nevada ID - Loma Rica	2910006	03	Replace faulty material with standard waterworks pipeline. Involves design and construction.	\$895,000
	15	C	9920	Nevada ID - Loma Rica	2910006	05	Replace with standard water main materials. Involves design and construction.	\$80,000
	15	C	9920	Nevada ID - Loma Rica	2910006	06	Add 3.0 MG storage tank. Involves design and construction.	\$1,800,000
	15	C	9920	Nevada ID - Loma Rica	2910006	09	Rehabilitate pump station and add redundancy. Involves design and construction.	\$120,000
	15	C	9920	Nevada ID - Loma Rica	2910006	10	Add 1.6 MG storage tank at David Way and abandon Cherry Creek tank. Involves design and construction.	\$1,200,000
	15	C	9920	Nevada ID - Loma Rica	2910006	07	Add a second transmission main into the Alta Sierra System. Involves design and construction.	\$1,400,000
	15	C	9920	Nevada ID - Loma Rica	2910006	04	Add second transmission main through Cedar Ridge. Involves design and construction.	\$740,000
	15	C	9875	COALINGA-CITY	1010004	01	RETAIN A CONSULTING ENGINEER TO STUDY THE ADEQUACY OF THE DISTRIBUTION SYSTEM.	\$100,000
	15	C	9738	Sonoma, City of	4910012	01	Relocate tank to higher elevation in order to serve certain area of system. Project would include site assessment, acquisition, tank construction, system line-up and possible booster pump construction.	\$500,000
	15	C	9675	City of Brentwood	0710004	10	Replace the valves currently used with electrically operated ones.	\$30,000
	15	C	9675	City of Brentwood	0710004	16	Install equipment at each well site for chloramination in order to have our well water be compatible with the Randall-Bold treated water	\$450,000
	15	C	9675	City of Brentwood	0710004	17	Connect well #9 to the city water distribution.	\$250,000
	15	C	9675	City of Brentwood	0710004	07	Sealing of shallow wells to eliminate the possibility of contamination.	\$1,150,000
	15	C	9675	City of Brentwood	0710004	14	Replace approximately 3500 outdated leaking inaccurate and unreliable meters.	\$1,400,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	9675	City of Brentwood	0710004 15	Obtain and install a SCADA system to insure automated notification of system problems/	\$500,000
	15	C	9527	CHANNEL ISLANDS BEACH CSD	5610039 02	Decommission three wells.	\$60,000
	15	C	9500	American Canyon, City of	2810005 03	Construction of minimum two MGPD treatment plant.	\$3,500,000
	15	C	8847	CITY OF SIGNAL HILL	1910149 09	Remove and replace old cast iron pipelines with Class 52 Ductile Iron pipe.	\$384,000
	15	C	8800	Nevada ID - E. George, Banner Mount	2910004 02	Add a new raw water pump station at D.S. canal and transmission pipeline to Banner.	\$885,000
	15	C	8800	Nevada ID - E. George, Banner Mount	2910004 04	Add second transmission main into the Oaks area.	\$210,000
	15	C	8800	Nevada ID - E. George, Banner Mount	2910004 03	Replace distribution system and service line with standard waterworks materials.	\$390,000
	15	C	8800	Nevada ID - E. George, Banner Mount	2910004 01	Replace pipeline.	\$7,000,000
	15	C	8788	NEWHALL CWD-NEWHALL	1910096 01	The proposed 30-inch diameter San Fernando Road pipeline 11,000' will reduce friction loss between the well field and Tank 9 and thereby increase well production. This line will also be dedicated pipeline to Tank 9 and thereby provide blending capac	\$2,000,000
	15	C	8460	Florin County Water District	3410033 01	Rehabilitation and replacement of aged and antiquated system.	\$0
	15	C	8460	Florin County Water District	3410033 02	Transmission mains to convey treated water from centralized treatment plant.	\$0
	15	C	8460	Florin County Water District	3410033 03	Transmission mains for conjunctive use distribution.	\$0
	15	C	8154	SOUTHERN CALIFORNIA WATER CO - OJAI	5610014 01	Electrical upgrades at the San Antonio and Gorham well	\$300,000
	15	C	8047	CAL. CITIES - LOS OSOS	4010017 01	Groundwater Management Plan	\$10,000
	15	C	8047	CAL. CITIES - LOS OSOS	4010017 02	Water sampling stations (6)	\$30,000
	15	C	8000	SCWMD - Arden Park Vista	3410002 06	Perform an engineering study to define a main replacement program.	\$100,000
	15	C	8000	SCWMD - Arden Park Vista	3410002 07	Design and construct a 250,000 gallon storage tank and booster station.	\$250,000
	15	C	8000	SCWMD - Arden Park Vista	3410002 08	Acquire site for 250,000 gallon storage tank and booster station.	\$100,000
	15	C	8000	SCWMD - Arden Park Vista	3410002 09	Construct main replacement project. Involves design and construction.	\$2,000,000
	15	C	8000	LA PUENTE VALLEY CWD	1910060 07	Replace existing reservoir with 250,000 gal. steel reservoir. Project involves: Design to solve problem, and Construction	\$500,000
	15	C	7679	SBDNO COUNTY SERVICE AREA 64	3610121 01	Construct 1 MG reservoir	\$400,000
	15	C	7500	TRACT 349 MUTUAL WATER CO.	1910160 01	Enlarge our pump stations' pumping capacity and add new IMG reservoir. Project involves: Design to solve problem, and Construction	\$950,000
	15	C	7145	Citizens Utilities-Larkfield Distri	4910023 01	Improvements to existing water treatment plant.	\$210,000
	15	C	7000	BIG BEAR CITY CSD	3610008 05	Design reclamation facility to replace potable water used for habit	\$500,000
	15	C	6600	CRESTLINE VILLAGE CWD - DIVISION 10	3610015 02	Annexation of area into CV water district	\$1,815,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	6549	California Cities Water Company	1710002 02	GAC in contactor #2 will be replaced with regenerated GAC.	\$25,000
	15	C	6549	California Cities Water Company	1710002 05	Install cathodic protection in the treatment plant's clearwell.	\$20,000
	15	C	6546	AVENAL, CITY OF	1610002 04	INSTALL A NEW PRESSURE PIPELINE TO PROVIDE EMERGENCY/BACKUP SYSTEM AND FUTURE WATER SUPPLY TRANSMISSION SYSTEM AS GROWTH REQUIRES. OTHER - DESIGN AND CONSTRUCTION	\$4,260,000
	15	C	6546	AVENAL, CITY OF	1610002 05	INTERIOR AND EXTERIOR SURFACES OF THE WATER STORAGE TANDS WOULD BE SANDBLASTED AND CLEANED WITH EXISTING CATHODIC PROTECTION SYSTEMS WOULD BE INSPECTED AND REPLACED AS NEEDED. OTHER - DESIGN AND CONSTRUCTION	\$570,000
	15	C	6500	Fort Bragg, City of	2310001 02	Replace 4000 L.F. of raw water transmission line and upgrade pumps and pumping station.	\$540,000
	15	C	6400	Imperial - City of	1310006 02	Design and construct sludge removal improvements and filter improvements.	\$1,500,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 02	Replace section of canal with pipeline. Involves design and construction.	\$550,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 03	Relocate siphon around washout. Involves design and construction.	\$170,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 04	Add a second pump. Involves design and construction.	\$45,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 05	Add a second pump. Involves design and construction.	\$95,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 01	Encase and armor canal headworks. Project involves design and construction.	\$280,000
	15	C	6380	Nevada ID - Lake Wildwood	2910023 08	Replace redwood tank with welded steel tank. Involves design and construction.	\$180,000
	15	C	6000	NORTH OF THE RIVER MWD	1510041 01	A new water line to transport this water to a point where it can be blended with better quality water. OTHER- Design and Construction.	\$1,600,000
	15	C	5997	NEWHALL CWD-PINETREE	1910250 02	Install pump, motor, and electrical equipment to pump 800 gpm from Well No. 1 and discharge piping to Soledad Canyon Road. Project involves: Design to solve problem, and Construction	\$250,000
	15	C	5997	NEWHALL CWD-PINETREE	1910250 03	Construct 9,000 feet of 16-inch diameter pipeline from Oak Springs Boulevard to Pinetree storage tank (See Exhibit) Project involves: Design to solve problem, and Construction	\$1,575,000
	15	C	5800	CAMBRIA COMM SERVICES DIST	4010014 04	Seawater desalination plant with beach wells	\$10,000,000
	15	C	5800	CAMBRIA COMM SERVICES DIST	4010014 05	Provide alternate temporary routing of the pipeline during construction and replacement of at least 300 ft. of pipeline.	\$150,000
	15	C	5500	Citizens Utilities Comp of CA	4110010 10	Controls and instrumentation	\$47,000
	15	C	5500	Citizens Utilities Comp of CA	4110010 11	Replace and upgrade school house tank building.	\$393,000
	15	C	5500	Citizens Utilities Comp of CA	4110010 12	School house tank site additional 650,000.	\$405,000
	15	C	5340	City of Live Oak	5110001 03	The installation of telemetry lines and continuous monitoring instrumentation (e.g. flow, pressure, and chlorination) for each well would allow the City to provide safe and dependable water service.	\$25,000
	15	C	5340	City of Live Oak	5110001 07	The replacement of existing pumps with variable speed pumps will prolong the life of the system and reduce energy and maintenance costs.	\$100,000
	15	C	5340	City of Live Oak	5110001 08	Solution requires determination of the causes of poor water quality for design and construction of improvements.	\$50,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	5340	City of Live Oak	5110001 09	The automation of existing and future meters will allow the City to direct its scarce resources to other water enterprise improvements.	\$75,000
	15	C	5100	Konocti County Water District	1710006 03	Replace with 12 inch PVC pipe.	\$600,000
	15	C	5030	SBDNO COUNTY SERV. AREA 70C	3610112 01	Construct telemetry system	\$150,000
	15	C	5000	Millview County Water District	2310006 01	Drill new wells and raw water river crossing.	\$200,000
	15	C	5000	City of Seaside	2710018 04	Install on-site generator at well #3.	\$75,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 08	Replace all steel lines with PVC.	\$399,000
	15	C	5000	City of Seaside	2710018 05	Drill new well. Also, will need pumphouse, emergency power, new connections, etc.	\$850,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 04	Replace all steel lines with PVC.	\$197,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 05	Drain and inspect tanks and determine the best way to fix the problem.	\$200,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 02	Installed On-site chlorine generation system to meet the County requirements.	\$150,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 06	Drain and inspect tanks and then determine the best ways to fix the problem.	\$100,000
	15	C	5000	PLEASANT VALLEY MUTUAL WATER CO	5610008 07	Pulled Well No. 9 and determined the best way to fix the problem is to replace liner.	\$60,000
	15	C	4900	TUD-Crystal Falls Water System	5510010 04	INSTALL PARTICLE COUNTERS.	\$18,000
	15	C	4840	Nevada ID - Lake of Pines	2910014 02	Replace both redwood tanks with welded steel tank.	\$420,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 03	Drill new well	\$125,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 04	Drill new well	\$300,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 11	Construct 200k gallon reservoir	\$160,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 01	Drill new well	\$30,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 02	Drill new well	\$90,000
	15	C	4807	RUNNING SPRINGS WATER DISTRICT	3610062 05	Drill new well	\$100,000
	15	C	4800	Calistoga, City of	2810002 07	Drain and clean tank, recoat with epoxy, clean outside of tank and paint.	\$100,000
	15	C	4800	Calistoga, City of	2810002 09	Install inflatable spillway barrier to allow releasing water safely if major storm hit.	\$100,000
	15	C	4800	Calistoga, City of	2810002 10	Relocate pump station to area not impacted by floods.	\$100,000
	15	C	4800	Calistoga, City of	2810002 08	Relocate new main along roadway.	\$1,000,000
	15	C	4740	Nevada ID - North Auburn	3110026 01	Add flash mix equipment. Involves design and construction.	\$215,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	4740	Nevada ID - North Auburn	3110026 02	Install temporary shoring, patch cracks and holes, relocate system pumps, and replace roof. Involves design and construction.	\$560,000
	15	C	4740	Nevada ID - North Auburn	3110026 03	Add 3.0 MG storage tank. Involves design and construction.	\$1,700,000
	15	C	4693	Winters, City of	5710005 02	Construct physical connections between zones and change existing one speed motors to variable speed, install telemetry and remove contaminated well once zones are connected.	\$650,000
	15	C	4693	Winters, City of	5710005 01	Install service meters, purchase meter testing and reading equipment. Perform rate study with recommendations for rates and conservation measures.	\$450,000
	15	C	4693	Winters, City of	5710005 03	Replace existing distribution and transmission lines with new mains. Replace all pipes with leaded joints and replace service lines where mains are replaced.	\$1,500,000
	15	C	4600	Lakeport, City of	1710004 01	Increase CT at well facilities by increasing storage.	\$600,000
	15	C	4500	DELHI CWD	2410006 03	INSTALL WELL HEAD TREATMENT TO REMOVE NITRATES.	\$400,000
	15	C	4428	SBNDO COUNTY SERVICE AREA 70J	3610125 01	Construct 4 new reservoirs and 3 new wells	\$3,100,000
	15	C	4375	Clearlake Oaks County Water Distric	1710001 02	Install new 500,000 gal clearwell.	\$500,000
	15	C	4300	CAL. CITIES - VISTA/NIPOMO	4010018 01	Groundwater Management Plan	\$5,000
	15	C	3800	Sutter CSD	5110007 01	Construct one million gallon storage tank. Installation of three standby power units. Replace 2,100 lineal feet of 6" water line and 31 water service laterals.	\$888,000
	15	C	3725	CUCC - Arden	3410045 01	Connect Ethan Way to City of Sacramento. Involves design and construction.	\$250,000
	15	C	3700	Weaverville C.S.D.	5310001 07	Construct water main intertie between West Weaver Creek and East Weaver Creek pressure zone. Refurbish PRV station.	\$29,000
	15	C	3700	Weaverville C.S.D.	5310001 04	Replace the open ditch with approximately 5,500 feet of 8-inch water main.	\$22,000
	15	C	3700	Weaverville C.S.D.	5310001 06	Replace water mains.	\$446,000
	15	C	3600	Amador County Water Agency-Sutter Creek	0310003 04	Extend life of canal through improvements or replace with 8 mile pipeline.	\$6,000,000
	15	C	3500	PLANADA CSD	2410007 01	REPLACE THE DEFECTIVE SERVICES LINES WITH NEW LINES.	\$50,000
	15	C	3500	TUD-UPPER BASIN	5510012 03	INTALL TUBE SETTLERS INSIDE THE EXISTING UPFLOW CLARIFIER.	\$24,000
	15	C	3500	TUD-COLUMBIA	5510013 04	CONSTRUCT IMPROVEMENTS AND REPAIRS TO THE INTAKE STRUCTURE.	\$74,000
	15	C	3500	SHEEP CREEK WATER COMPANY	3610109 01	Construct new source	\$10,521,466
	15	C	3500	TUD-UPPER BASIN	5510012 10	INSTALL PARTICLE COUNTERS.	\$18,000
	15	C	3500	TUD-COLUMBIA	5510013 01	PIPE APPROXIMATELY 800 FEET OF DITCH AND GUNITE LINE APROXIMATELY 2000 FEET OF DITCH.	\$78,000
	15	C	3500	TUD-COLUMBIA	5510013 02	CONSTRUCT RESERVOIR IMPROVEMENTS AND PIPE THE MATELOT DITCH TO PROVIDE SOURCE WATER PROTECTION.	\$1,210,000
	15	C	3500	TUD-COLUMBIA	5510013 06	INSTALL PARTICLE COUNTERS	\$18,000
	15	C	3450	Mather AFB - Wherry Housing Area	3410704 01	Install additional distribution main to provide adequate fire flow capacity to the northeast part of the service area.	\$165,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	3450	Mather AFB - Wherry Housing Area	3410704	02	Replace service lines.	\$250,000
	15	C	3450	Mather AFB - Wherry Housing Area	3410704	03	Rehabilitate water system mechanical and electrical facilities.	\$85,000
	15	C	3450	Mather AFB - Wherry Housing Area	3410704	05	Rehabilitate treatment facility.	\$300,000
	15	C	3300	City of Williams	0610004	03	Replace existing sand traps on wells.	\$45,000
	15	C	3204	San Joaquin County-Mokelumne Acres	3910017	01	DRILL NEW WELLS TO REPLACE CONTAMINATED WELLS. OTHER = DESIGN AND CONSTRUCTION	\$1,500,000
	15	C	3200	ARMONA COMMUNITY SERVICES DIST	1610001	01	INSTALL TWO NEW STORAGE TANKS. OTHER - DESIGN AND CONSTRUCTION	\$400,000
	15	C	3200	ARMONA COMMUNITY SERVICES DIST	1610001	03	INSTALL A SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$80,000
	15	C	3200	Meadow Vista County Water Dist	3110009	01	Replace 16,000 feet with 8 inch pipe.	\$560,000
	15	C	3000	Lukins Brothers Water Company	0910007	04	Install tank with supply pump and generator at Well 4.	\$400,000
	15	C	3000	Nice Mutual Water Company	1710008	01	To increase reliability, connect to Upper Lake CWD with 20,000 ft of 8 to 12 inch pipe and booster pump station.	\$1,900,000
	15	C	3000	Nice Mutual Water Company	1710008	02	Purchase and install an electric generator set at the WTP site.	\$80,000
	15	C	3000	Nice Mutual Water Company	1710008	03	Modify WTP piping to relocate pumps and motor controls above elevation 1332 ft.	\$240,000
	15	C	3000	Nice Mutual Water Company	1710008	04	Design and construct an automatic filter effluent system and corrosion control system.	\$100,000
	15	C	3000	Lake Almanor Country Club MWC	3210006	01	Replace existing water mains that are corroded and undersized along with service laterals.	\$4,000,000
	15	C	3000	Lukins Brothers Water Company	0910007	02	Install new lines.	\$4,500,000
	15	C	2937	LOS ANGELES CO WW DIST 37-ACTON	1910248	02	CONSTRUCT A 300,000 GALLON INTERMEDIATE TANK TO PROVIDE STORAGE.	\$330,000
	15	C	2700	LAKE DON PEDRO C S D	5510008	01	INSTALL TWO NEW FILTER VESSELS WITH SURFACE WASH FACILITIES.	\$180,000
	15	C	2500	MESA CREST WATER CO.	1910241	01	See attached recommendations. Project involves: Design to solve problem and Construction	\$50,000
	15	C	2500	MESA CREST WATER CO.	1910241	02	See attached recommendations. Project involves: Design to solve problem and Construction	\$50,000
	15	C	2500	MARIPOSA PUBLIC UTILITY DIST	2210001	01	RELOCATE THE AIR VENTILATION SYSTEM AND CONSTRUCT A CONCRETE ENCASEMENT AROUND EXPOSED CONDUITS.	\$163,000
	15	C	2500	Quincy CSD	3210004	01	New well and spring transmission line replacement.	\$1,500,000
	15	C	2500	Mountain Gate C.S.D.	4510002	01	Install filter vessel; Chlorinate at source pumps, and upgrade existing pump controls.	\$1,750,000
	15	C	2500	STRATHMORE PUBLIC UTIL DIST	5410012	03	INSTALL A TRAVELING WATER SCREEN IN THE EXISTING CANAL STRUCTURE.	\$110,000
	15	C	2500	RICHGROVE CSD	5410024	01	EITHER DRILL NEW WELL OR INSTALL TREATMENT. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$400,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	2500	Pine Valley MWC	3710039 04	Drilling of 2 additional wells to replace the above mentioned.	\$250,000
	15	C	2400	VENTURA CWWD NO. 19 - SOMIS	5610015 03	Construct 2,500 LF of 12-inch water line to replace existing 6 inch CML steel water line.	\$182,000
	15	C	2400	VENTURA CWWD NO. 19 - SOMIS	5610015 04	Construct a 4,500 LF of 10-inch water line to replace existing 8-inch CI water line.	\$297,000
	15	C	2400	VENTURA CWWD NO. 19 - SOMIS	5610015 06	Construct 2,200 LF of 8-inch water lines to replace existing water lines.	\$131,000
	15	C	2400	VENTURA CWWD NO. 19 - SOMIS	5610015 07	Construct 8,300 LF of 8-inch water line to replace existing water lines.	\$493,000
	15	C	2345	TUD-Tuolumne City	5510003 06	INSTALL PARTICLE COUNTERS	\$18,000
	15	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 03	CONSTRUCT ABOUT 3,000 FT. OF PIPELINE ALONG ROMERO CANYON ROAD TO PROVIDE A LOOP SYSTEM INTO THE TANK AND ALLEVIATE THE DEAD END PROBLEM.	\$300,000
	15	C	2280	LOS ANGELES CO WW DIST 36-VAL VERDE	1910185 06	INSTALLATION OF EMERGENCY GENERATORS AT TWO CRITICAL PUMP STATIONS.	\$200,000
	15	C	2250	Hillcrest Water Co. Region 1-4	5110003 01	Construct two new wells and 4,000 feet of 12" pipeline. Possibly iron and manganese treatment for the new wells.	\$647,900
	15	C	2200	BORON COMMUNITY SERV DIST	1510002 04	CONSTRUCT 1 MG STORAGE TANK FOR ADDITIONAL BLENDING CAPACITY	\$410,000
	15	C	2200	BORON COMMUNITY SERV DIST	1510002 03	CHLORINATION FACILITY FOR TWO WELLS	\$8,500
	15	C	2200	BORON COMMUNITY SERV DIST	1510002 01	TREATMENT PLANT FOR ARSENIC	\$660,000
	15	C	2193	City of Portola	3210003 01	Replace deteriorated mainlines. Replace chlorination equipment. Install fire hydrants. Replace service laterals.	\$774,000
	15	C	2150	YUCAIPA VALLEY CWD ID-1	3610054 05	Replace reservoir	\$2,452,500
	15	C	2100	CRESTVIEW MUTUAL WATER CO	5610058 01	Add secondary treatment of either ozone or biological filtration to remove TOC & color.	\$600,000
	15	C	2082	Chester PUD	3210009 01	Replace 3,600 feet of 4" mains with 6" mains.	\$90,000
	15	C	2043	Box Springs MWC	3310004 02	Installation of biological denitrification system	\$1,100,000
	15	C	2011	City of Wheatland	5810004 02	Install new PVC mains, 9300 feet total.	\$500,000
	15	C	2000	Cobb Area County Water District	1710012 01	Bring in contractor specializing in spring redevelopment.	\$25,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 01	Additional storage.	\$300,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 02	Additional new well.	\$56,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 03	Design and construct transmission line to treatment facility from upstream well site.	\$350,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 04	Salinity monitoring equipment	\$5,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 06	Study of storage needs	\$10,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006 08	Additional storage.	\$0
	15	C	2000	North Marin WD - Pt. Reyes	2110006 10	Replace Olema tank.	\$80,000

Cat	SubCat	Type	Pop.	WS Name	Project No.		Project Description	Est Costs
E	15	C	2000	North Marin WD - Pt. Reyes	2110006	11	Construct new tank at same site.	\$17,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	17	Plant improvements adding proportional chemical feed pumps and additional automation.	\$40,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	18	Make modifications to chlorine feed system to make permanent.	\$25,000
	15	C	2000	Cabazon County Water Dist	3310047	02	See attachment B	\$1,800,000
	15	C	2000	ALPINE WATER USERS ASSOCIATION	3610002	01	Refinance	\$1,900,000
	15	C	2000	POPLAR COMM SERVICE DIST	5410026	01	DRILL NEW WELL AND INSTALL DISTRIBUTION LINES. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	05	Pipeline replacements.	\$15,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	19	Balance system with an identical large filter and removing small.	\$38,300
	15	C	2000	North Marin WD - Pt. Reyes	2110006	07	Improve Bear Valley pump station.	\$55,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	14	Develop a wellhead protection.	\$10,000
	15	C	2000	North Marin WD - Pt. Reyes	2110006	09	Design and construct new storage facilities to replace redwood.	\$350,000
	15	C	1885	Lower Lake County Water District	1710010	04	Replace clearwell with 100K steel tank with bolted and locked lids.	\$70,000
	15	C	1850	Redway C.S.D.	1210011	01	Increase storage capability by 270,000 gallons.	\$350,000
	15	C	1800	WHITE FENCE FARMS MUTUAL WATER CO.	1910249	02	Remove the existing coating by sand blasting to a near white profile and recoat with a NSF approved epoxy paint.	\$20,000
	15	C	1782	PONDEROSA WATER COMPANY	5510002	05	TUD'S ACQUISITION OF THE WATER COMPANY VIA PURCHASE TO CONSOLIDATE IT WITH AN ADJACENT WATER SYSTEM.	\$470,000
	15	C	1782	PONDEROSA WATER COMPANY	5510002	03	UPGRADE THE PLANT, ADD ANOTHER CLARIFIER AND FILTER, AND INSTALL MONITORING EQUIPMENT.	\$470,000
	15	C	1781	CAL. CITIES - ROLLING HILLS/EDNA	4010023	01	Generator connections	\$15,000
	15	C	1781	CAL. CITIES - ROLLING HILLS/EDNA	4010023	02	Automation and telemetry-Country Club and Edna Road Reservoirs.	\$80,000
	15	C	1780	City of San Juan Bautista	3510002	01	install filtration plant for surface water supply	\$2,000,000
	15	C	1750	Lake Shastina Mutual W.C.	4710013	01	Install appropriate equipment at each groundwater source that would facilitate automatic chlorination when pumps come on line.	\$45,000
	15	C	1725	PRATT MUTUAL WATER CO	5410033	01	INSTALL WATER METERS. OTHER -DESIGN AND CONSTRUCTION	\$180,000
	15	C	1700	CARUTHERS COMM SERV DIST	1010039	01	INSTALL AUTOMATIC TRANSFER SWITCH TO STANDBY POWER AT WELL 4. INSTALL SAND SEPERATOR. OTHER - DESIGN AND CONSTRUCTION	\$190,000
	15	C	1700	CARUTHERS COMM SERV DIST	1010039	04	INSTALL WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$450,000
	15	C	1700	CARUTHERS COMM SERV DIST	1010039	05	INSTALL STANDBY GENERATOR AT WELL 3 LOCATION. OTHER - DESIGN AND CONSTRUCTION	\$90,000
	15	C	1700	Bolinas Community PUD	2110005	01	Design and construction	\$1,500,000
	15	C	1650	KINNELOA IRRIGATION DIST.	1910035	03	Extend distribution line from 1900 Windover Road to 2090 Villa Heights.	\$79,000
	15	C	1650	KINNELOA IRRIGATION DIST.	1910035	04	Extend distribution line from 3127 Doyne Road to Kinneloa Mesa Road.	\$50,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	1650	KINNELOA IRRIGATION DIST.	1910035 05	Extend transmission line from 2090 Villa Heights Road to Crystal Lane.	\$200,000
	15	C	1650	KINNELOA IRRIGATION DIST.	1910035 06	Extend distribution line from Larmona Drive to 1908 N. Kinneloa Canyon	\$88,000
	15	C	1600	HOME GARDEN CSD	1610007 01	Remove rust and recoat tanks. Replace electric motor and pumps. OTHER - Design and Construction	\$200,000
	15	C	1568	City of Montague	4710007 01	Construction of new 0.75 million gallon steel storage tank.	\$250,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 02	Storage tank coating system repairs.	\$115,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 05	Automate facility high service pumping operation and emergency warning.	\$75,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 09	Surface water source upgrades.	\$35,000
	15	C	1500	Squaw Valley Mutual Water Comp	3110019 01	Rehabilitation of Wells #1 & 2.	\$70,000
	15	C	1500	Inland Valley Development Agency-No	3610704 01	Install safety devices	\$20,000
	15	C	1500	Inland Valley Development Agency-No	3610704 02	Install assemblies and meters	\$40,000
	15	C	1500	Inland Valley Development Agency-No	3610704 03	Locate service laterals and install backflow devices to protect system	\$148,000
	15	C	1500	Inland Valley Development Agency-No	3610704 05	Install overflows, clean and inspect storage facilities	\$168,000
	15	C	1500	Inland Valley Development Agency-No	3610704 08	Installation of backflow devices	\$33,000
	15	C	1500	Inland Valley Development Agency-No	3610704 10	Remediate standby equipment	\$20,000
	15	C	1500	Inland Valley Development Agency-No	3610704 11	Construct mainline, inspect and repair storage facilities	\$300,000
	15	C	1500	RIO MANOR MUTUAL WATER CO	5610035 02	Facility replacements and improvements	\$1,000,000
	15	C	1500	BELLFLOWER HOME GARDENS WC	1910012 02	Installation of 8 inch lines to the distribution system.	\$335,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 03	Construct additional treated water storage capacity	\$250,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 06	Design and construct two new storage tanks to replace the existing tanks.	\$120,000
	15	C	1500	Placer CWA - Alta	3110024 01	Construct 500,000 gallon storage tank.	\$600,000
	15	C	1500	RIO MANOR MUTUAL WATER CO	5610035 01	Replace 4 inch diameter hydrants with 6 inch diameter. Install meters to reduce water usage.	\$150,000
	15	C	1500	STALLION SPRINGS CSD	1510025 01	PROJECT GROWTH AND FULL USE OF THE RESORT WILL REQUIRE ANOTHER 100-200 GPM AND A 1 MG TANK	\$2,000,000
	15	C	1500	Stinson Beach County Wtr Dist	2110004 08	Provide metal building cover over package plant treatment units.	\$130,000
	15	C	1500	Squaw Valley Mutual Water Comp	3110019 02	Replace with new pipe.	\$360,000
	15	C	1500	Squaw Valley Mutual Water Comp	3110019 03	Replace old well with new one.	\$300,000
	15	C	1452	Smith River C.S.D.	0810002 01	Repair stream bank.	\$100,000
	15	C	1452	Smith River C.S.D.	0810002 02	Complete a mainline loop with approximately 1,100 feet of 8-inch pipe.	\$70,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	1411	KETTLEMAN CITY CSD	1610009 01	INSTALL UV DISINFECTION AND GAC FOR TREATMENT. OTHER - DESIGN AND CONSTRUCTION	\$260,000
	15	C	1411	KETTLEMAN CITY CSD	1610009 04	SANDBLAST AND INSTALL INTERIOR COATING. OTHER - DESIGN AND CONSTRUCTION	\$220,000
	15	C	1300	AVERYDALE MWC	1910023 01	Drill a replacement well.	\$100,000
	15	C	1300	BASELINE GARDENS MWC	3610007 01	Purchase and install meters	\$300,000
	15	C	1300	BASELINE GARDENS MWC	3610007 02	Purchase and install pressure tank and associated appurtenances to activate well 4	\$100,000
	15	C	1300	BASELINE GARDENS MWC	3610007 03	Recoat tank	\$100,000
	15	C	1300	WARRING WATER SERVICE INC	5610021 02	Repair and upgrade the reservoir.	\$100,000
	15	C	1300	WARRING WATER SERVICE INC	5610021 03	Purchase the Ventura County Water Works District's domestic delivery system in Warring Water Service area and consolidate the system	\$300,000
	15	C	1300	CLOVERDALE MUTUAL WATER Co.	5610068 01	System facility replacements and improvements	\$760,000
	15	C	1300	SLO CWD NO. 10 - CAYUCOS	4010025 01	DESIGN & CONSTRUCT A WATER LINE REPLACEMENT PROGRAM	\$300,000
	15	C	1300	SLO CWD NO. 10 - CAYUCOS	4010025 02	REPLACE & RELOCATE APPROX. 1500 FEET OF 4 INCH LINE WITH 8 INCH LINE, INCLUDES RIGHT OF WAY ACQUISITION.	\$80,000
	15	C	1200	Fieldbrook C.S.D.	1210020 01	Install a water main, pump station and storage tank.	\$1,000,000
	15	C	1200	Inverness Public Utility Dist	2110001 02	Purchase and install another microfiltration membrane package unit capable of producing an additional 50 gpm	\$140,000
	15	C	1200	Inverness Public Utility Dist	2110001 01	Replace old finished water tanks.	\$225,000
	15	C	1086	San Joaquin County-Raymus Village	3910014 01	DRILL NEW WELL. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	15	C	1020	Hopland Public Utility District	2310010 02	Replace old distribution lines.	\$1,000,000
	15	C	1020	Hopland Public Utility District	2310010 03	Add additional storage tanks and force main to reservation.	\$3,000,000
	15	C	1000	DEL REY COMMUNITY SERV DIST	1010035 02	REFINANCE EXISTING LOANS.	\$2,911,500
	15	C	1000	McKinney Water District	3110022 01	Replacement of all main lines.	\$1,500,000
	15	C	1000	MALAGA COUNTY WATER DISTRICT	1010042 02	NEW WATER SUPPLY WELL EAST OF THE COMMUNITY. OTHER - DESIGN AND CONSTRUCTION	\$500,000
	15	C	1000	MALAGA COUNTY WATER DISTRICT	1010042 03	INSTALL SCADA SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$100,000
	15	C	1000	MALAGA COUNTY WATER DISTRICT	1010042 04	INSTALL NEW WATER STORAGE TANK. OTHER - DESIGN AND CONSTRUCTION	\$600,000
	15	C	1000	Midway Heights C. W. D.	3110041 01	District would install/construct a package treatment plant which would lower costs and provide a high quality supply to meet present and future needs.	\$200,000
	15	C	978	LOS ANGELES CO WW DIST 21-KAGEL CAN	1910075 08	REPLACE 3000 FT OF 4" DISCHARGE MAIN.	\$340,000
	15	C	935	Sonoma County CSA 41-Fitch Mountain	4910010 01	Install 30,000 gal tank on an easement near the top of the mountain. Install a higher head pump at the booster station and extend the water line up to the new tank.	\$60,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	930	City of Loyalton	4610001 01	Hire an engineer to evaluate problems.	\$50,000
	15	C	920	Nevada ID - Cascade Shores	2910007 02	Replace the redwood tank with a welded steel tank.	\$95,000
	15	C	920	Nevada ID - Cascade Shores	2910007 03	Replace the redwood tank with a welded steel tank.	\$110,000
	15	C	875	City of Etna	4710004 01	Replace lines; increase storage; and improve intake facilities.	\$200,000
	15	C	860	San Joaquin River Club	3910018 01	TAKE SURFACE WATER FROM SAN JOAQUIN RIVER AND TREAT WITH SURFACE WATER TREATMENT PLANT. OTHER = DESIGN AND CONSTRUCTION	\$750,000
	15	C	840	Hillsview Homes	5010007 01	DRILL NEW WELL IN LAIRD PARK AREA WHERE GOOD WATER IS AVAILABLE AND PIPE IT TO WESTLEY.	\$1,300,000
	15	C	840	Hillsview Homes	5010007 02	Install RO unit to remove TDS, install 500,000 gallon storage tank with booster pumps and auxilliary generator	\$1,285,000
	15	C	800	Lake County CSA 2 - Spring Valley	1710018 01	Improvements to intake gallery & creek banks. Possibly construct new intake gallery or extend existing one.	\$200,000
	15	C	800	LINNEL FARM LABOR CAMP	5400631 01	Installation of new 10,000 gal. Pressure tank	\$50,000
	15	C	800	WOODVILLE FARM LABOR CAMP	5400792 01	installation of new 10,000 gal. Pressure tank	\$35,000
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 02	Add a reservoir	\$142,393
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 03	Renovate horizontal well	\$46,000
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 04	Replace ancors, cable and pipeline.	\$199,836
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 06	Replacement of line.	\$68,655
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 07	Creation of a two zone system	\$157,802
	15	C	800	SENIOR CANYON MUTUAL WATER CO	5601117 08	Purchase this privately owned parcel.	\$120,000
	15	C	795	Nevada ID - Snow Mountain	2910027 02	Replace with standard water main materials. Involves design and construction.	\$440,000
	15	C	795	DAGGET CSD	3600086 01	Construct transmission line	\$200,000
	15	C	770	Squaw Valley County Water Dist	3110020 01	Develop a new water source. Involves design and construction.	\$300,000
	15	C	770	Squaw Valley County Water Dist	3110020 02	The District's objective is to proceed with the design and construction of a 3 MGD water treatment plant for iron and manganese removal should acceptable water quality not to be found.	\$1,000,000
	15	C	690	YERBA BUENA WATER COMPANY	5610006 01	Construct a backup well with 50 HP turbine pump, 250,000 gallon additional steel tank, 3000 feet of new 8 inch water main line	\$300,000
	15	C	670	San Joaquin County - Wilkinson Mano	3910024 02	IMPROVE DISTRIBUTION, CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. CONSOLIDATE WITH SEVERAL NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	\$600,000
	15	C	630	Gasquet C.S.D.	0800555 03	Study to determine feasibility of developing wells to supply ground water versus the present use of river water.	\$7,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	630	Gasquet C.S.D.	0800555 04	Purchase a 150 GPM trailer-mounted pump with chlorination facilities and prepare river access for use of alternative source.	\$24,000
	15	C	610	SAN MIGUELITO MWC	4010003 01	Replace steel floor, construct new tank roof install new tank appurtenances, sandblast and paint tank then install cathodic protection system.	\$65,000
	15	C	610	SAN MIGUELITO MWC	4010003 02	Replace corroded steel and tank floors if necessary, sandblast and paint tanks then install cathodic protection system for all tanks.	\$100,000
	15	C	610	SAN MIGUELITO MWC	4010003 04	Research feasibility of local groundwater basin (hot well) to store excess treated water.	\$10,000
	15	C	610	SAN MIGUELITO MWC	4010003 07	Replace single pump with a standard dual pump, alternating boost station.	\$30,000
	15	C	610	SAN MIGUELITO MWC	4010003 03	Test existing Hot Well and East Harford wells for treatability and production.	\$15,000
	15	C	610	SAN MIGUELITO MWC	4010003 06	Purchase a mobile standby power unit and install compatible receptacles for wells, boost stations and treatment plant.	\$75,000
	15	C	610	SAN MIGUELITO MWC	4010003 09	Install an eight inch loop connection to add redundancy to the system, enabling repairs without shutting down service to the entire system	\$30,000
	15	C	595	HILLVIEW WATER CO-GOLDSIDE-HIL	2010014 01	FILTRATION OF FOUR WELLS AND INTERCONNECTION OF THIS SYSTEM TO THE OAKHURST-SIERRA LAKES SYSTEM WHICH IS ABOUT 3 MILES AWAY.	\$800,000
	15	C	550	EDMUNDSON ACRES WATER SYSTEM	1500190 01	DRILL A NEW WELL. OTHER - STUDY, DESIGN AND CONSTRUCTION	\$300,000
	15	C	547	YUIMA MUNICIPAL IDA	3700938 03	Convert eight sites to alternate disinfection systems.	\$246,000
	15	C	501	Starlight Pines Mutual WC	4500195 01	Install chlorinator and emergency generator to provide the reliability required by the Waterworks Standards.	\$2,400
	15	C	501	Starlight Pines Mutual WC	4500195 02	Dig and complete new reservoir and enclose in storage house.	\$42,000
	15	C	500	Resort Improvement Dist. No.1	1210022 02	Engineer planning, design, and construction for replacement of 8 miles of pipe.	\$37,900
	15	C	500	Resort Improvement Dist. No.1	1210022 03	Engineering planning for project	\$14,900
	15	C	500	Resort Improvement Dist. No.1	1210022 07	A "Cumulative Impact Study" for Telegraph Creek drainage.	\$50,000
	15	C	500	TRADEWINDS WATER ASSOC.	1500406 01	Hire certified agent to sandblast and coat old tank. Need to install additional Air Vacuum Valves to remove existing problem.	\$50,000
	15	C	500	Resort Improvement Dist. No.1	1210022 04	Upgrade existing intake facility.	\$195,000
	15	C	500	Resort Improvement Dist. No.1	1210022 08	Construct new tank.	\$137,200
	15	C	500	Resort Improvement Dist. No.1	1210022 10	Engineering design and construction of pipe line.	\$2,841,000
	15	C	495	OAK TRAILS ESTATES LTD	4200881 01	Drill and install new 100 HP pump and 12 inch well.	\$125,000
	15	C	490	Pine Mountain Mutual Water Co.	2300591 02	Install approved filter and monitoring systems for these water sources.	\$28,000
	15	C	490	Pine Mountain Mutual Water Co.	2300591 03	Hire engineer to conduct studies and surveys.	\$14,000
	15	C	450	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 01	ACQUIRE PROPERTY, DRILL NEW WELL AND CONNECT TO SYSTEM	\$100,000
	15	C	450	CUCC - WALNUT GROVE	3410047 01	Grand Avenue main replacement. Involves design and construction.	\$120,000
	15	C	450	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 02	UPGRADE OTHER SYSTEM, PAY OF DEBT AND DISSOLVE OTHER CSD	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	450	EDGEMONT ACRES MUTUAL WATER COMPANY	1500290 03	CONSTRUCT TREATMENT FOR ARSENIC. OTHER- DESIGN AND CONSTRUCTION	\$500,000
	15	C	447	MODESTO MHP	5000066 01	Connect to City of Modesto	\$220,000
	15	C	430	COUNTY SERVICE AREA 11	4100582 01	Consolidate with another system. (Pescadero High School)	\$50,000
	15	C	400	GREEN ACRES MOBILE ESTATES	1000229 01	CONSTRUCT A NEW WELL OR CONNECT TO THE CITY OF FRESNO.	\$15,000
	15	C	400	LSID - TONYVILLE	5410007 01	RADIO SPREAD SPECTRUM TELEMETRY AND CONTROL. OTHER - DESIGN AND CONSTRUCTION	\$80,000
	15	C	380	Alpine Springs County Water Distric	3110029 01	Replace the redwood tank with a steel tank. Involves design and construction.	\$500,000
	15	C	375	BERRENDA MESA WATER DISTRICT, DOM S	1503145 01	Pipeline replacement. Installation of rechlorination station.	\$375,000
	15	C	375	BERRENDA MESA WATER DISTRICT, DOM S	1503145 02	Pipeline replacement. Installation of rechlorination station.	\$375,000
	15	C	375	BERRENDA MESA WATER DISTRICT, DOM S	1503145 03	Pipeline replacement. Installation of rechlorination station.	\$375,000
	15	C	350	Big Rock C.S.D.	0800532 01	Conduct a systems analysis to determine loss locations. Repair and reconstruct problem areas.	\$135,000
	15	C	350	EASTON ESTATES WATER COMPANY	1000018 01	WELL NEEDS TO BE REDEVELOPED & BOWLS, BEARINGS AND SHAFT NEED RESTORATION	\$30,000
	15	C	350	Weott C.S.D.	1200553 03	Install additional 50,000 gallon tank at the A-Tank site.	\$72,800
	15	C	350	Weott C.S.D.	1200553 04	Remove old steel lines and replace approximately six miles of water transmission lines.	\$110,000
	15	C	350	Weott C.S.D.	1200553 06	Purchase and install water meters at Sources A and B.	\$5,000
	15	C	350	ENOS LANE PUBLIC UTILITY DISTRICT	1500544 01	LOOP THE SYSTEM	\$500,000
	15	C	350	LEISURE LAKE MOBILE HOME PARK	1910066 01	Line or replace existing transmission lines, and install electric panel for well #2.	\$100,000
	15	C	350	Sierraville P.U.D.	4600018 02	Hire an engineer to completely evaluate the system, make a work order sheet, and do it.	\$50,000
	15	C	350	SOULTS MUTUAL WATER	5400805 01	REPLACE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$75,000
	15	C	343	PINE HILLS MUTUAL WATER CO.	3700905 03	Implement a SCADA system (Supervisory Control and Data Acquisition System)	\$75,000
	15	C	343	PINE HILLS MUTUAL WATER CO.	3700905 04	Drain and clean storage tank and sump; inspect sump tank and repair as needed.	\$35,000
	15	C	340	ARBOR MOBILE HOME PARK	3900831 02	BUILD 80,000 GALLON STORAGE TANK. OTHER = DESIGN AND CONSTRUCTION	\$100,000
	15	C	315	FAIRVIEW WATER CO./SCHATZ	1502670 01	Replace 2 Cla Val. 4" pressure reducing valves. Replace 1 mile of 4" PVC 40 w/ 4" C900. Add 15,000 gal. plus 2 10,000 gal. storage tanks. Add electrical control lines underground. Set up booster pump. Other - study/design/construction	\$100,000
	15	C	300	WHITE ROCK LAKE RV PARK	1900975 01	REPLACE GALVANIZED PIPES TO PLASTIC PIPES.	\$58,000
	15	C	300	Northstar C.S.D.	3110028 01	Develop groundwater storage. Involves study, design and construction.	\$250,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	300	Avila Beach County Water District	4000222 01	Design and construct water tank repairs	\$120,000
	15	C	300	Avila Beach County Water District	4000222 02	Design and construction of water line replacement	\$240,000
	15	C	300	Siskiyou Co. Rolling Hills MWC	4700528 01	Replace old steel pipeline to tanks and install meters at service connections.	\$273,350
	15	C	300	KEYS COMMUNITY SERVICES DISTRICT	5010009 02	INSTALL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	\$150,000
	15	C	300	Sutter Co. WWD#1 (Robbins)	5100107 01	Installation of new distribution lines and housing services that are causing the problem.	\$600,000
	15	C	300	GREENBELT WATER COMPANY	4400598 02	Install control system and booster pump/pressure tank and connect to system.	\$6,500
	15	C	280	NORTH EDWARDS WD	1510052 01	REPLACE OF EXISTING METERS, AND UPGRADE WELLS 1 AND 2 FACILITIES AND FOUNDATION.	\$75,000
	15	C	280	PEPPERMINT CREEK	5500116 01	THE ABOVE ITEMS NEED TO BE INSTALLED TO IMPROVE THE PERFORMANCE AND RELIABILITY OF THE TREATMENT PLANT TO INSURE COMPLIANCE WITH THE SWTR.	\$32,000
	15	C	275	LUCERNE VALLEY M W C	3600156 01	Construct mainline	\$150,000
	15	C	270	WALLER TRACT MUTUAL WATER CO	3301735 01	None listed.	\$0
	15	C	260	ARROYO SECO WATER SYSTEM #2	2701658 04	Install flowmeter with totalizer	\$1,000
	15	C	250	KINGS PARK APARTMENTS	1000295 01	CONNECT TO THE CITY OF SANGER.	\$50,000
	15	C	250	WALNUT GROVE HOMEOWNERS	3400106 01	Construct a 250,000 gallon water storage tank. Involves design and construction.	\$250,000
	15	C	250	WALNUT GROVE HOMEOWNERS	3400106 02	Construct 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	\$250,000
	15	C	250	STUART A CLAY	3700422 01	Hire licensed contractor after bidding process.	\$50,000
	15	C	250	SANTOS RANCH 5	3901216 01	CONNECT TO CITY OF TRACY WATER AND BLEND. (APPEARS TO BE INTERCONNECTION, NOT CONSOLIDATION). OTHER = DESIGN AND CONSTRUCTION	\$600,000
	15	C	250	MOBILE HOMES	4200842 01	Replace storage tank and install new piping, pump station and fire hydrants.	\$250,000
	15	C	250	OAKDALE IRRIGATION DISTRICT #1	5000433 01	INSTALL ELECTRICAL GENERATOR. INSTALL PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	\$75,000
	15	C	215	BARSTOW CALICO KOA	3600409 01	Construct new well	\$10,000
	15	C	210	Kirkwood Meadows Public Utilit	0210002 04	Install main water lines from East Meadows III across Highway 88 and connect to KMA lines.	\$100,000
	15	C	204	NORTH OAKS MUTUAL WATER SYSTEM	5000237 01	UPGRADE EXISTING 100 HP AG WELL	\$65,000
	15	C	200	WILLOW SPRINGS MOBILE HOME PARK	1500542 01	CONNECT TO THE CITY WATER SYSTEM	\$50,000
	15	C	200	SISQUOC WATER SYSTEM	4200560 01	Construct new 10,000 gallon reservoir.	\$10,000
	15	C	200	SISQUOC WATER SYSTEM	4200560 02	Install automation and telemetry at the Sisquoc plant.	\$30,000



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	200	Alegria Domestic Water Company	4200731 01	Drill new well for potential build out of system.	\$100,000
	15	C	200	SEQUOIA CREST MUTUAL WATER COMPANY	5400701 03	REFINANCE LOANS	\$90,000
	15	C	200	BADGER HILL MUTUAL WATER COMPANY	5400710 01	INCREASE STORAGE CAPACITY, INCREASE PUMPING CAPACITY AND DRILL NEW WELL.	\$500,000
	15	C	200	IMPROVEMENT DIST 1	5400968 01	New storage tank and replace old main lines. OTHER - Design and Construction	\$100,000
	15	C	200	LEISURE PINES MWC	5500053 01	INCREASE DEPTH OF EXISTING WELL FROM 325 FEET TO EITHER 600 FEET OR 1000 FEET DEPENDING ON ITS CAPACITY. INSTALL NEW PUMP, METER, AND WIRING.	\$60,000
	15	C	200	ESTERO MUTUAL	2100519 01	Replacement of storage tank.	\$100,000
	15	C	198	SAN SIMEON ACRES	4000568 01	Additional wells and Desal Plant	\$1,000,000
	15	C	195	DE RANCHO Y MOBILE VILLA WATER	1500380 01		\$50,000
	15	C	180	APPLE VALLEY VILLAGE MHP	3600400 01	Construct filtration system	\$20,000
	15	C	162	Iverson and Jacks Water System	2701068 01	Install storage tanks.	\$80,000
	15	C	159	Rabb Park Community Ser. Dist.	0310015 01	INSTALL NEW PIPELINES, HYDRANTS AND FLOW METERS. OTHER = DESIGN AND CONSTRUCTION	\$0
	15	C	159	Rabb Park Community Ser. Dist.	0310015 03	INSTALL METERS	\$14,100
	15	C	158	MORADA ESTATES MAINTENANCE	3900722 01	CONSTRUCT PRESSURE TANK AND BOOSTER PUMP. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION.	\$300,000
	15	C	150	KERN VALLEY MUTUAL WATER	1500252 01	Have new wel drilled adjoining current system. Other - Construction/other: drilling	\$15,000
	15	C	150	CROWLEY LAKE CAMPLAND 1	2600503 01	Construct new 120k gal tank, improve well production	\$110,000
	15	C	150	Rains Creek Water Co.	4900611 01	Install remote telemetry unit to monitor tank levels and chlorine conc.	\$50,000
	15	C	150	HHWP Moccasin Compound Hetch Hetchy	3810003 01	Construct filtration facilities and appurtnaces.	\$200,000
	15	C	150	Wildwood Mutual Water Company	5100109 01	Replace old lines when needed.	\$100,000
	15	C	150	MESCAL CREEK WATER INC.	1900147 05	INSTALL HYDRANTS, METERS, VALVE.	\$275,000
	15	C	148	OAKDALE IRRIGATION DIST #45	5000013 01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	\$30,000
	15	C	142	OAKDALE IRRIGATION DIST #41	5000016 01	ININSTALL ELECTRICAL GENERATOR. REPLACE DISTRIBUTION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	\$155,000
	15	C	140	FIDDLETOWN COMMUNITY SERVICES	0300019 01	REPAIR OR REPLACE TANK	\$40,000
	15	C	140	BELLVIEW OAKS MWC	5500042 01	INSTALL 5,800 FEET OF 6 INCH DIAMETER LINE FROM THE WELLS TO THE STORAGE TANKS.	\$290,000
	15	C	140	BELLVIEW OAKS MWC	5500042 02	REPAIR AND/OR REPLACE AGING STORAGE TANK AND INSTALL NEW 100,000 GALLON TANK.	\$238,000
	15	C	140	BELLVIEW OAKS MWC	5500042 03	DRILL A NEW WELL, INSTALL A PUMP, AND CONNECT IT TO THE SYSTEM.	\$31,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	140	BELLVIEW OAKS MWC	5500042 04	INSTALL 5,200 FEET OF NEW LINE.	\$260,000
	15	C	140	VILLA CASA APTS WATER SYSTEMS	2701046 01	Install storage tanks	\$100,000
	15	C	130	JONATA SPRGS RANCH H O A	4200891 01	replace 3000 feet of 6 inch line.	\$20,000
	15	C	130	CHATOM SCHOOL	5000101 01	REPLACE WATER TANK.	\$195,000
	15	C	125	Hat Creek Mutual Water Co.	4500022 02	Install 40,000 plus gallon gravity storage tank with associated piping, controls and pump.	\$47,500
	15	C	120	Coast Springs Water Company	2110007 01	Replace with new reservoir.	\$100,000
	15	C	120	OASIS COMPANY	2400194 01	CONNECT TO THE PLANADA CSD WATER SYSTEM.	\$75,000
	15	C	120	AUBURN VALLEY COUNTRY CLUB	3100011 01	Add additional well(s), storage tank, pumphouse improvements and controls (system controls/alarms).	\$325,000
	15	C	120	Copco Lake MWC	4700551 01	Construct new storage tank and develop new well source.	\$100,000
	15	C	120	McCoy Road Water System #5	2701040 02	Install storage tanks	\$80,000
	15	C	120	SILVER WHEEL TRAILER PARK	5602116 01	Replace pipe lines and refurbish well.	\$120,000
	15	C	118	Riebli Mutual Water Company	4900603 01	Replace chlorinators with UV.	\$60,000
	15	C	112	Village Green	4500194 01	Upgrade Chlorination process and distribution system.	\$3,000
	15	C	112	ONE ELEVEN TRAILER PARK	3301475 01		\$0
	15	C	109	MORADA MANOR	3900523 01	REPLACE WELL AND INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	15	C	105	MORADA ACRES	3900512 01	IMPROVE DISTRIBUTION SYSTEM WITH NEW, LARGER LINES. INSTALL AUXILIARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	\$250,000
	15	C	105	OAKDALE IRRIGATION DIST #46	5000014 01	INSTALL ELECTRICAL GENERATOR AND NEW PRESSURE TANK. OTHER = DESIGN AND CONSTRUCTION.	\$75,000
	15	C	105	OAKDALE IRRIGATION DIST #46	5000014 02	INSTALL BOOSTER STATION. OTHER = DESIGN AND CONSTRUCTION	\$40,000
	15	C	102	METROPOLITAN WATER COMPANY	1000057 02	DRILL THE EXISTING WELL DEEPER	\$25,000
	15	C	100	Berry Creek CSD	0200185 01	Install sand separators on wells.	\$20,000
	15	C	100	Myers Flat Mutual Water System, Inc	1200538 02	Develop unused spring source to prevent surface water influence and tie into system.	\$13,490
	15	C	100	Arcade Water District - Sierra Oaks	3410145 01	Install wellhead treatment facilities to remove nitrate. Involves study, design and construction.	\$2,250,000
	15	C	100	HODGE BROTHERS DAIRY	3700783 03.	Sample analysis and various treatment options, and purchase and installation of treatment facility. Water treatment method and design new storage and piping facility.	\$400,000
	15	C	100	WALNUT ACRES	3901113 01	IMPROVE DISTRIBUTION SYSTEM AND INSTALL AUTO-TRANSFER SWITCH FOR AUXILIARY POWER UNIT. CONSOLIDATE WITH OTHER SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	\$500,000
	15	C	100	Sunset Beach MWC	4400599 01	Construct pipeline to City of Watsonville water supply.	\$510,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	100	Cal Ore Trail Mobile Estates	4700546 01	System replacement.	\$50,000
	15	C	100	Shadow Mountain MHP	4700803 01	Replace old well pumps with new pumps.	\$20,000
	15	C	100	Timber Cove County Water District	4900584 01	Construct dike where creek banks washed out. Repair gravel to area scoured by storms.	\$75,000
	15	C	100	Timber Cove County Water District	4900584 02	Install backflush system & repair pipes (flush lines for future silting).	\$20,000
	15	C	100	Jennings Court - Gary Davis	5100110 01	Put in chlorination system. Repair well casing. Replace water lines.	\$10,000
	15	C	100	WHISPERING SANDS	3301746 01	1) add pressure tanks existing well - also drill 2nd well, add pressure tanks. Tie 2 systems together - Back up well for more water existing well with more pressure	\$20,000
	15	C	100	Arcade Water District - Sierra Oaks	3410145 02	Install water mains to serve entire area, replace private wells, and improve (increase capacity) wells. Involves design and construction.	\$4,200,000
	15	C	95	RANCHO YNECITA MUTUAL WCO	4200837 01	Acid clean well and replace pump, motor etc.	\$25,000
	15	C	93	TICO MUTUAL WATER CO	5601122 04	Acquisition and installation of water meters	\$50,000
	15	C	91	OAKDALE IRRIG DIST #22	5000015 01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	\$30,000
	15	C	91	OAKDALE IRRIG DIST #22	5000015 02	DRILL BACK-UP WELL. OTHER = DESIGN AND CONSTRUCTION	\$125,000
	15	C	90	Hunter Valley CSD	0800557 01	Replace all of distribution lines with schedule 40 P.V.C. pipe	\$75,000
	15	C	90	SPRING CREEK ESTATES	3900927 01	CONSOLIDATE WITH CITY OF RIPON. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	15	C	90	BELLA VISTA MUTUAL WATER COMPANY	1502653 01	DRILL AND HOOK UP NEW WELL IMPROVED CHLORINATION SYSTEM INCREASE STORAGE. OTHER - DESIGN AND CONSTRUCTION	\$80,000
	15	C	89	Woodridge Mutual Water	4500235 01	New well and complete system to final usage.	\$50,000
	15	C	86	Abrams Lake Mobile Estates	4700542 01	System replacement	\$50,000
	15	C	85	ANZA PINES MOBILE HOME PARK	3301018 01	See attached	\$58,878
	15	C	85	PONDEROSA MOBILE HOME PARK	5500092 01	CONSTRUCT AN ADDITIONAL WELL.	\$60,000
	15	C	84	Willow Glenn MHP	1100237 01	Construct system improvements to correct problem.	\$50,000
	15	C	81	BANTA MUTUAL W. C. NO. 1	3900555 01	REPLACE DISTRIBUTION SYSTEM.	\$0
	15	C	80	PAPPAS ENTERPRISES/DORRIS	1009006 01	REPLACE THE DETERIORATED STORAGE TANK AND INSTALL AN AUTO DIALER.	\$21,200
	15	C	80	PAPPAS ENTERPRISES/CALIF	1009039 01	INSTALL NEW TURBIDITY AND CHLORINE ANALYZERS, AND AN AUTO DIALER. ENCLOSE THE PLANT.	\$29,000
	15	C	80	FIVE MILE HOUSE APARTMENTS	3901136 01	CONNECT TO LOCAL WATER SYSTEM. OTHER = DESIGN AND CONSTRUCTION	\$50,000
	15	C	77	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 02	Replace 4" diameter mains with 6" diameter.	\$300,000
	15	C	77	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 03	Replace 4" diameter mains with 6" diameter.	\$300,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	77	BURLANDO HEIGHTS MUTUAL WATER CO.	1500336 04	Replace 4" diameter mains with 6" diameter.	\$300,000
	15	C	76	SUNNYSIDE ESTATES	3900714 01	CONSTRUCT NEW WELL AND ADD AUXILIARY POWER. OTHER = DESIGN AND CONSTRUCITON	\$450,000
	15	C	75	LOMA MAR MUTUAL WATER COMPANY	4100512 03	Install new pumping station/	\$60,000
	15	C	75	OAKDALE RURAL WATER SYSTEM #2	5000445 01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	\$40,000
	15	C	75	Travel Home Park	5100115 01	Install new service to property and run lines to well.	\$35,000
	15	C	75	ROUGH & READY MHP WATER	2900530 01	Construct new distribution system and well.	\$75,000
	15	C	75	OASIS PROPERTY OWNERS ASSOCIATION	1500585 01	Drill new well and install storage tank	\$250,000
	15	C	75	OASIS PROPERTY OWNERS ASSOCIATION	1500585 02	Drill new well and install storage tank	\$250,000
	15	C	75	OASIS PROPERTY OWNERS ASSOCIATION	1500585 03	Drill new well and install storage tank	\$250,000
	15	C	75	BANTA MUTUAL W. C. NO. 3	3900557 01	Replace distribution system.	\$0
	15	C	74	FITTS WATER SYSTEM	1500484 01	UPDATE DISTRIBUTION SYSTEM. OTHER - DESIGN AND CONSTRUCTION.	\$100,000
	15	C	70	Hat Creek Highlands MWC	4500023 03	Install water meters at each improved lot.	\$17,000
	15	C	65	Hollydale Mutual Water Company	4900581 01	System can be connected with Russian River CWD and annexed to District. Various leaking steel lines with be replaced and hydrants installed. Abandon existing well.	\$750,000
	15	C	62	MOUNTAIN SPRINGS WATER COMPANY	1500540 01	DRILL NEW WELL. OTHER - DESIGN AND CONSTRUCTION	\$75,000
	15	C	60	Washington County Water Dist	2900523 01	This flume runs adjacent to the South Yuba River. The flume needs complete replacement.	\$150,000
	15	C	60	LOS TULES MUTUAL WATER CO	3700958 01	Would like to be on list	\$0
	15	C	60	ALMOND PARK	3900517 01	RENOVATE WELL, REPLACE PUMP, AND INSTALL AUXILARY POWER. CONSOLIDATE WITH NEIGHBORING SYSTEMS. OTHER = DESIGN AND CONSTRUCTION	\$450,000
	15	C	60	Garlen Court WS	2700686 02	Deepen existing well.	\$35,000
	15	C	60	EL RIO MOTEL & TRAILER PARK	3900569 01	DRILL WELL, INSTALL PUMP, MAINS AND PRESSURE SYSTEM	\$40,000
	15	C	54	SANTA RITA MUTUAL WATER CO	4200822 01	Install meters at each service	\$20,000
	15	C	54	SANTA RITA MUTUAL WATER CO	4200822 02	install individual user water meters	\$20,000
	15	C	50	MINERAL MTN ESTATES MWC	0500019 01	DRILL NEW WELL, INSTALL PUMP AND CONNECT TO SYSTEM	\$12,500
	15	C	50	MINERAL MTN ESTATES MWC	0500019 03	CONSTRUCT SHED OVER WELL AND PUMP AND FENCE WELL SITE.	\$700
	15	C	50	MINERAL MTN ESTATES MWC	0500019 04	INSTALL TELEMETRY TO LINK TANK WITH PUMP CONTROLS	\$3,500

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	50	MADERA COUNTY MAINTENANCE DISTRICT#	2000293 01	INSTALL TWO NEW WELLS AND A TELEMETRY SYSTEM.	\$130,000
	15	C	50	ANDEREGG RENTALS	2400003 01	INSTALL ABOUT 1100 FEET OF WATER LINE TO CONNECT TO THE CITY OF ATWATER.	\$85,000
	15	C	50	Country Inn	2800683 01	Install back well or additional storage and treatment for hard water.	\$40,000
	15	C	50	Lake Perris SRA	3310302 02	Hire outside certified backflow repair and test contractor to repair, replace, and test.	\$13,500
	15	C	50	Rolling Oaks Road Association	4900846 01	Descale and flush well casing. If this does not work, then drill new well.	\$20,000
	15	C	50	Seymour's Mutual Water System	5301201 01	Install six 5,000 gallon water storage tanks.	\$25,000
	15	C	50	Meadowbrook Oaks	0000237 01	Fix system.	\$0
	15	C	47	Summit View Ranch Mutual Water Co.	4900892 01	Add storage of 20 to 40,000 gals and associated plumbing linkage.	\$50,000
	15	C	45	HRC C.S.D.	0800556 01	Build storage tank and install larger distribution line to replace old line. Provide fire hydrants.	\$250,000
	15	C	45	EMIGRANT GAP MUTUAL	3103310 01	Replace 820' of 4" steel pipe with 820' of 4" C-900 pipe and construct four new manifolds.	\$8,000
	15	C	42	OAKDALE IRRIGATION DISTRICT	5000092 01	INSTALL ELECTRICAL GENERATOR. INSTALL NEW HYDROPNEUMATIC TANK. OTHER = DESIGN AND CONSTRUCTION.	\$95,000
	15	C	42	BANTA MUTUAL W. C. NO. 2	3900556 01	REPLACE DISTRIBUTION SYSTEM.	\$0
	15	C	40	HERZOG SYSTEM	3400130 01	Replace multiple systems with reliable potable water system; a new 1,000 gpm well and upgrade pipeline distribution system. Involves design and construction.	\$180,000
	15	C	40	HERZOG SYSTEM	3400130 02	Construct a new 250,000 gallon storage tank for emergency water supply. Involves design and construction.	\$250,000
	15	C	40	RIVER ISLAND WATER CO-CO CLUB	5400665 01	INSTALL FILTRATION AND CHLORINATION SYSTEMS, 200,000 GAL. STORAGE TANK, 11,000 LF OF 8" C-900 PIPE AND CENTRAL PUMP CONTROL SYSTEM. OTHER - DESIGN AND CONSTRUCTION	\$440,000
	15	C	40	Sunrise Mobile Home Park	4500104 01	Consolidate with Clear Creek C.S.D..	\$100,000
	15	C	40	WINTERHAVEN MH ESTATES	1900961 01	Remove and construct new reservoir.	\$80,000
	15	C	39	SOUTH KERN MUTUAL WATER COMPANY	1500344 01	Call S.A. Camp Pump Co. and have them fix it. OTHER - Design and Construction	\$250,000
	15	C	38	WOODFORDS MUTUAL WATER COMPANY	0202503 01	Pre-app for future unseen needs.	\$0
	15	C	35	Northwoods Mutual Water System	0400003 03	Replace existing distribution system mains.	\$10,000
	15	C	35	FOURTH STREET WATER SYSTEM	1500449 01	Drill second well;reranked to O from E; system drilled second well	\$113,000
	15	C	35	Corral de Tierra Estates	2700536 01	Abandon and close the auxiliary well.	\$2,500
	15	C	35	WALKING M RANCHES ASSOC	4200804 01	Either new well in different location or new non metal distribution system and well pump.	\$69,000
	15	C	32	SOUTH DESERT MUTUAL	1502619 01		\$10,000
	15	C	31	TILLIE CREEK KITTY WATER	1502280 01	NEW STORAGE TANKS AND FILTRATION SYSTEM	\$20,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	C	31	San Miguel WS #22	2702073 01	Install water meters.	\$9,450
	15	C	31	San Miguel WS #22	2702073 02	Erect fencing for wells and storage tanks.	\$21,302
	15	C	30	R C VASAVADA	3901213 01	THEY ASK FOR TREATMENT; HOWEVER, CONNECTION WITH LARGE SYSTEM MUST BE EXPLORED FOR FEASIBILITY (PREFERRED). OTHER = DESIGN AND CONSTRUCTION	\$30,000
	15	C	27	FRUITVALE MOBILE HOME PARK	1500376 01		\$20,000
	15	C	25	Pine Grove Trailer Park	4700632 01	Install disinfection facilities at well.	\$20,000
	15	C	25	DEL RIO EAST WATER SYSTEM	5000099 01	THEY PROPOSE TO DRILL A NEW WELL. CITY OF MODESTO HAS PUBLIC WATER ABOUT 1000 TO 2000 FEET FROM THIS SYSTEM. THEY SHOULD CONNECT TO THE MODESTO DEL RIO SYSTEM.	\$75,000
	15	C	25	OID #51 SUNSET OAKS #10	5000317 01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION.	\$40,000
	15	C	13	DEO GLORIA ESTATES OID 52	5000355 01	INSTALL ELECTRICAL GENERATOR. OTHER = DESIGN AND CONSTRUCTION	\$30,000
	15	C	0	UNITED WTR CONS DIST	5610046 02	Develop groundwater guardian program to promote well head protection by involving all affected parties including agriculture, urban interests and the public.	\$50,000
	15	C	0	LOPEZ PROJECT	4010022 02	Study, develop an engineered solution to problem and construct same.	\$150,000
	15	C	0	CALLEGUAS MUNICIPAL WATER DIST	5610050 02	Replace the pipelines or install small diameter pipelines inside.	\$20,000,000
	15	P	5100	Mather AFB - Main Base	3410706 03	Rehabilitate water system mechanical and electrical facilities.	\$85,000
	15	P	5100	Mather AFB - Main Base	3410706 06	Design and construct a 500,000 gallon storage tank and booster station.	\$500,000
	15	P	2926	NORTHGATE 880	3400173 01	Construct a 500,000 gallon water storage tank. Involves design and construction.	\$500,000
	15	P	2926	NORTHGATE 880	3400173 02	Construct a new 1,200 gpm well and chlorine treatment system. Involves design and construction.	\$200,000
	15	P	2000	SOUTH HIGH SCHOOL WATER SYSTEM	1502324 01	Construct improvement to tie into CA Water Service Co. system. Other - Design/Construction	\$60,000
	15	P	830	PLANADA ELEMENTARY SCHOOL	2400066 01	INSTALL A PIPELINE TO INTERCONNECT TO THE PLANADA CSD WATER SYSTEM.	\$50,000
	15	P	750	TUSD - CUMMINGS VALLEY SCHOOL	1502773 01	CONNECT TO BEAR VALLEY SPRINGS CSD. OTHER - DESIGN AND CONSTRUCTION	\$75,000
	15	P	425	MEADOWS UNION SCHOOL	1300554 01	Replace with new water system, 10K. Storage with a minimum of 10GM.	\$75,000
	15	P	400	Pioneer Union School District	0961945 01	Installation of a steel epoxy-lined tank to stop the bacteria growth.	\$0
	15	P	350	Dillard Elementary School	3400254 01	Replace and streamline plumbing. Replace backflow prevention device.	\$12,500
	15	P	300	SAN FRANCISCO YMCA-JONES GULCH	4100538 01	Drill a new well to increase the recovery time and volume of the system.	\$20,000
	15	P	250	KERMIT MCKENZIE JR HIGH	4200821 01	Replace motor, shafts, pipe and pump of well and pump and piping system.	\$12,000
	15	P	235	Richmond Elementary School	1800573 01	Improve minor system deficiencies.	\$0



Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	P	225	Holt School Water System	3901374 01	TREATMENT TO BRING WATER INTO COMPLIANCE WITH SECONDARY STANDARDS	\$100,000
	15	P	200	Marcum Illinois Elementary School	5100140 01	New pump and lines would correct problems and provide for increased use.	\$7,000
	15	P	200	GREAT WESTERN MALTING CO	1900067 01	Purchase and install generator for well pumping system.	\$50,000
	15	P	190	Pleasant Grove Elementary	5100143 01	Repair and replace in-ground drinking water lines.	\$5,000
	15	P	175	RANCHO SAN ANDREAS	4400660 01	Purchase and install new well pump and motor in existing well	\$3,500
	15	P	150	CRESSEY ELEMENTARY SCHOOL	2400097 01	CONSTRUCT A NEW DEEPER WELL.	\$25,000
	15	P	140	Castile Canyon School	0001404 01	Need 3 phase electricity to run pump rather than propane generator. Also need backup well rebuilt.	\$37,500
	15	P	132	PLAINSBURG ELEMENTARY SCHOOL	2400065 01	DESIGN AND DRILL A NEW WELL.	\$40,000
	15	P	120	Nuestro School	5100142 01	Design and replace piping, fittings, and valves from the wellhead to storage tank to main outlet source.	\$5,000
	15	P	80	Casterlin School	1200546 02	Install filtration with increased capacity.	\$70,000
	15	P	80	Quartz Valley Elem. School	4700847 01	Relocate old pressure tank and other components to location of new components, and possibly replace old pressure tank with new one.	\$1,500
	15	P	66	Kneeland School	1200817 01	Purchase a new pump.	\$2,500
	15	P	60	MULBERRY UNION SCHOOL DIST	1300556 01	We propose to analyze the water, and design a system to filter and purify it to meet standards.	\$100,000
	15	P	60	TOT TOWN CHRISTIAN PRESCHOOL	1503256 01	CONSOLIDATE WITH CALIFORNIA WAER SERVICE	\$10,000
	15	P	50	SEVENTH DAY ADVENTIST SCHOOL	2400148 01	CONNECT TO THE CITY OF MERCED WATER SYSTEM.	\$50,000
	15	P	50	ST. PAUL'S LUTHERAN SCHOOL	2400176 01	CONNECT TO THE CITY OF MERCED'S WATER SYSTEM.	\$50,000
	15	P	48	DEEP SPRINGS COLLEGE	1400068 04	Install new treatment system	\$10,000
	15	P	47	South Fork Elementary School	2500514 01	Redesign and build wellhead to raise it above grade to reduce potential for contamination. Add water treatment to system to remove hard water and eliminate calcium deposits.	\$21,895
	15	P	45	LAKE MORENA TRAILER RESORT	3701760 01	Would like to be on list.	\$0
	15	P	36	SFPUC--Early Intake Cpd	3810006 01	Install membrane filtration system with appurtenent facilities.	\$100,000
	15	P	0	Field Sports Park/Mariposa Lodge/Co	4300937 01	Construct structure at well site and install meters to FSP and Mariposa.	\$8,000
	15	N	250000	BIG ROCK CREEK CAMP WATER SYSTEM	1900008 01	FUNDS WOULD BE USED TO MAKE SYSTEM OPERATIONAL.	\$450,000
	15	N	20000	Caltrans-Hillcrest Roadside Rest	4500283 01	Install commercial filtration system.	\$20,000
	15	N	4000	MODESTO RESERVOIR PARK	5000164 01	RE-DEVELOP OR RELOCATE WELL AND INSTALL FILTERING SYSTEM. OTHER = STUDY, DESIGN AND CONSTRUCTION.	\$35,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	N	4000	WOODWARD RESERVOIR PARK	5000165 01	REPLACE WELL PUMP AND ELECTRICLA COMPONENTS. REPLACE/IMPROVE CHLORINATION SYSTEM. OTHER = DESIGN AND CONSTRUCTION	\$35,000
	15	N	1000	KERN CO P&R BUENA VISTA AQUATIC REC	1502357 01	WATER SYSTEM RECONSTRUCTION AS A RESULT OF CURRENTLY PLANNED STUDY OF OVERALL NEEDS.	\$500,000
	15	N	860	KERN VALLEY MOOSE LODGE #498	1502429 01		\$26,000
	15	N	462	KERN VALLEY AIRPORT	1502327 01	CONNECT TO KERN RIVER VALLEY WATER COMPANY. OTHER - DESIGN AND CONSTRUCTION	\$141,750
	15	N	450	Lighthouse Marina Complex	3410035 01	Install new filter, new lines and new tanks.	\$45,000
	15	N	300	HUNTINGTON PINES MUTUAL	1000051 01	DRILL SECOND WELL FOR BACK-UP. DISCONNECT WELLS TO DISTRIBUTION SYSTEM AND CONNECT THEM TO THE STORAGE TANK	\$35,000
	15	N	300	KERN CO P&R - TEHACHAPI MT PARK WAT	1502325 01	REPLACE BOTH TANKS	\$120,000
	15	N	300	MUSICK CREEK TRACT	1000058 02	CONSRUCT A 80,000 GALLON STORAGE TANK.	\$60,000
	15	N	300	MUSICK CREEK TRACT	1000058 03	INSTALL A SEPARATE INLET PIPE FROM THE WELLS TO THE STORAGE TANKS.	\$50,000
	15	N	250	DE BENNEVILLE PINES INC	3600534 02	Refinance reservoir repairs	\$15,000
	15	N	250	BERKELEY CAMP	5500136 01	INSTALL AUTOMATED BACKWASH SYSTEM, PLANT SHUTDOWN AND ALARM SYSTEMS.	\$41,000
	15	N	250	OLD BALDY COUNCIL BSA	3600589 01	Construct new reservoir	\$150,000
	15	N	200	FCPR-KEARNEY PARK	0011196 01	INSTALL A CHLORINATION SYSTEM AND A 10,000 GALLON PRESSURE TANK.	\$45,000
	15	N	150	MUSIC MEADOW ONE	1000060 01	POSSIBLE DEVELOPMENT OF ADDITIONAL SOURCE CAPACITY IN THE FUTURE.	\$25,000
	15	N	120	Trinity Lake Forest	5301104 01	Drill an additional well and have additional storage facility.	\$150,000
	15	N	100	GIBSON RANCH COUNTY PARK	3400297 01	Upgrade wells' double check valves, install new backflow preventers, and replace chlorine gas treatment to liquid Hypochlorite treatment.	\$25,000
	15	N	100	South East Florin County Park	3400398 01	Construct new Hypochlorite treatment system and upgrade for potable water use.	\$5,000
	15	N	100	Conservation Endowment Fund	5601306 01	Upgrade (new) pipe, possible filter treatment system	\$15,000
	15	N	100	PAUL V CANTARANO	3301946 01	Update system.	\$10,000
	15	N	90	COLEVILLE HIGH SCHOOL 2	2600570 01	Construct new main for irrigation system	\$80,000
	15	N	80	Golden Valley Camp	0300667 01	DRILL NEW WELL	\$10,000
	15	N	60	Bartley Cavanaugh Golf Course	3400002 01	Replace gavanized casing with stainless steel.	\$80,000
	15	N	50	TURTLE ROCK COUNTY PARK	0202519 01	Design and install a new 15,000 gallon steel tank meeting current AWWA standards.	\$24,000
	15	N	50	ELKHORN BOAT LAUNCHING	3400123 01	Replace existing chlorination system.	\$5,000
	15	N	50	HOGBACK ISLAND FISHING ACCESS	3400299 01	Construct new chlorine treatment unit.	\$10,000
	15	N	50	EL RANCHO MOTEL	5400692 01	Connection to City water	\$70,000

Cat	SubCat	Type	Pop.	WS Name	Project No.	Project Description	Est Costs
E	15	N	50	EL RANCHO MOTEL	5400692 02	Connection to City water	\$70,000
	15	N	50	EL RANCHO MOTEL	5400692 03	Connection to City water	\$70,000
	15	N	40	Covington Mill - A	5301103 01	Replace existing tank with a 53,500 gallon steel water tank.	\$40,000
	15	N	40	Covington Mill - A	5301103 04	Cut a new shelf around 200 to 300 feet using backhoe or small cat. Clean out headgate. Put in new 6-inch PVC pipe	\$12,000
	15	N	40	Covington Mill - A	5301103 03	Design and install a water meter on each service connection.	\$20,000
	15	N	30	SNOW SUMMIT SKI CORP	3600707 01	Design and construct new facilities	\$300,000
	15	N	30	Sawyers Bar Co. W.D.	4700517 01	Rebuild intake.	\$10,000
	15	N	25	DECKER CANYON YOUTH CAMP	1900831 01	INSTALL AN ADDITION TANK (15,000 GAL)	\$34,000
	15	N	25	E O C WELL-PALM SPRINGS R	3301557 01	Necessity to correct fractures to well system caused by natural disaster	\$40,000
	15	N	25	HOLMES ICE AND COLD STORAGE	3601041 01	Construct new reservoir and well piping	\$50,000
	15	N	25	CUYAMA LANE WATER COMPANY	4000598 01	Upgrade the entire water system & replace leaking hydrants	\$100,000
	15	N	25	PETE JOHNSTON CHEVROLET	4000692 01	Replace tanks, replace well liner and install ozone system	\$9,585
	15	N	25	LA GRANGE PARK	5000239 01	REPAIR OR REPLACE SECONDARY SUBMERSIBLE PUMP. INCREASE STORAGE CAPACITY, REPLACE ELECTRICAL SYSTEM. OTHER = DESIGN AND CONSTRUCTION	\$25,000
	15	N	25	FRANK RAINES PARK	5000243 01	NEED ELECTRICITY TO ALTERNATE WELL SITE. INSTALL PUMP, FILTRATION, PIPING AND OTHER ELECTRICAL. OTHER = DESIGN AND CONSTRUCTION.	\$75,000
	15	N	25	BASSO BRIDGE	5000395 01	INSTALL LARGER PUMP, ADDITIONAL STORAGE AND PRESSURE SYSTEM. OTHER = DESIGN AND CONSTRUCTION.	\$45,000
	15	N	25	SFPUC--O'Shaughnessy Dam Cpd	3810005 01	Filtration system with appurtenant facilities.	\$100,000
	15	N	25	PALO VERDE VALLEY HOSPITAL	3301498 01	Replace pipes and pump.	\$25,000
	15	N	0	Mt. Madonna County Park	4300612 01	Install two water meters at wells.	\$3,500
	15	N	0	Uvas Canyon County Park	4300616 02	Install water meters in system.	\$3,500
	15	N	0	Joseph Grant County Park	4300737 01	Install water meters in system.	\$3,500
	15	S	20	Foothill Water Association	2702135 01	Replace aged redwood tanks with new steel tanks (5000 gallons each)	\$10,000
	15	S	17	Cabin Owners Assoc. Water System	2701824 01	Drill new well or design/install water treatment system.	\$30,000
	15	S	12	Jamesburg Mutual Water System	2702253 01	Replace concrete tank with new steel tank (20,000 gallons)	\$10,000

**Total of project(s) in Bond Law Category E= 2653 projects**

**Total Cost for Projects in Category E:**

**\$5,763,762,345**

**Total of projects in Bond Law Project Priority List = 3533 projects**

**Grand Total:**

**\$7,669,550,087**